

# edix 2024 education

Supplier of Quality Products to the Education Industry Worldwide

more than  
**25 new**  
products



[www.edxeducation.com](http://www.edxeducation.com)

We have been involved in the education market for over 40 years.

We design and develop innovative and quality educational products for a broad range of markets including early childhood, kindergartens, primary schools, and retail. Manufacturing in Asia to strict quality requirements, all products are tested for compliance with EN71, ASTM and CPSIA standards and regulations. Our products and services include:

- maths manipulatives, early childhood active play, and art & craft accessories
- private branding for customers



## ISO 9001 / ISO 14001

In 2012 Edx achieved ISO 9001 accreditation;

In 2021 Edx achieved ISO 14001 accreditation,

further demonstrating our commitment to providing quality products and services to our customers.

**New products** – More than 25 new products are included in our 2024 range. We have developed a range of eco-friendly products manufactured from either recycled plastics or FPC which is a biobased plastic substitute material made from agricultural waste – rice stems and rice husks. We are also transitioning to more eco-friendly packaging across all product lines, in particular removing single use plastic packaging.

**Carbon Footprint** – Edx Education is committed to reducing its carbon footprint, with the aim of being carbon neutral. We have reduced our carbon footprint through reusing, recycling, improving energy management, and improving house-keeping practices. We are also working with suppliers in promoting energy conservation, improving manufacturing efficiencies and in recycling.

Our head office is in Taiwan, and we have sales and marketing representatives in North America, the UK, Europe and Asia.

### Taiwan Head Office

**Cathy Hu**

9F, 39, Dun Hua S. Rd., Sec. 2, Taipei 106 Taiwan, R. O. C.

Tel : 886 2 2704 8568 / Fax : 886 2 2704 8141

Email : cathy@edxeducation.com

### Americas

**Brian Arthurs**

Cell : 1 416 464 5987

Email : brian@edxeducation.com

### Europe

**Sue Dockrell**

Cell : 44 7715 998 777

Email : sue@edxeducation.com

### UK

**Heather Welch**

Cell : 44 7340 777 967

Email : heather@edxeducation.com

### Asia, Middle East, Africa, Australia & NZ

**David Jackson**

Cell : 886 909 923 285

Email : david@edxeducation.com

# Play, Learn & Create

At Edx Education we love learning through play while creating lifelong learners.



## Awards



## Free Resources

available to download from our website

<https://edxeducation.com/teacher-parent/resources/>

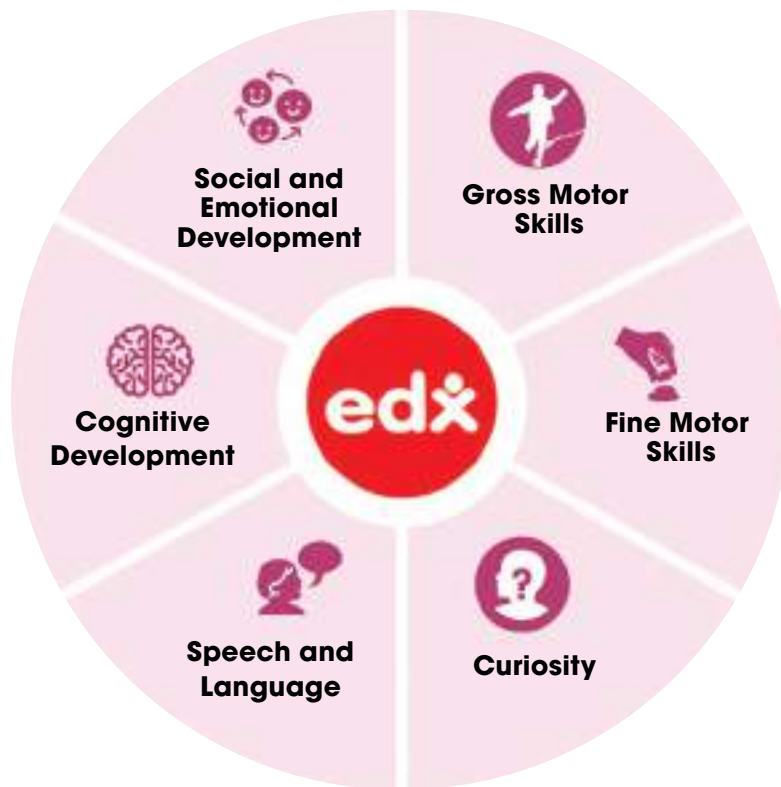


QR codes will take you directly to product videos.  
You may also join Edx Education on **YouTube**  
to view our product videos



# Key Developmental Areas

Our educational materials are created to serve six specific learning and developmental areas:



## Social and Emotional Development

Through play children will learn to manage their emotions, work with others and resolve conflict.



## Gross Motor Skills

Focus on large movement through active play helps develop coordination.



## Fine Motor Skills

Focus on small movement through active play strengthening small muscle groups and improving hand-eye coordination.



## Curiosity

Develop children's problem-solving ability via their natural curiosity about the world around them.



## Speech and Language

Describe, discuss and explore with our range of materials, children will be developing vital oral language skills and the ability to express themselves.



## Cognitive Development

Purposeful play improves cognitive development, stimulating the child's problem-solving and thinking ability.

# Table of Contents

## GO GREEN 6

## EARLY CHILDHOOD

Water and Sand Play	16
Sensory Play	30
Active Play	43
Manipulatives	55
Construction	72
Art & Craft	97
Literacy	102
Mathematics - early childhood	105
Mathematics - home learning	122



## MATHEMATICS

Home Learning	134
Number and Algebra	138
Geometry	169
Measurement	184
Probability	192



## CLASSROOM RESOURCES

Whiteboards	194
Spinners	196
Paint Accessories	197
Dr Paul Swan Books	198



## MORE ABOUT 204

**edx**education®

# GO GREEN



At Edx Education, we're on an inspiring journey to become a fully sustainable company. We envision a future where reducing waste, using eco-friendly materials, and championing recycling are core to our business. Our dedication to environmental responsibility is unwavering. That's why we're excited to announce new sustainability initiatives for our Green-n-Play® and Green-n-Learn® products.

We're transitioning to more eco-friendly packaging across all product lines. Many current products now use FSC certified paper, which comes from responsibly managed forests. We're also incorporating more recycled content and piloting innovative bio-based materials made from plants, not plastics.

But we want to go further. Our goal is to create a closed-loop system where 100% of waste is recycled or composted. We're reviewing manufacturing processes to minimize carbon emissions. And we're sourcing raw materials from suppliers with certified sustainable practices.

At Edx Education, sustainability isn't just an initiative - it's an ethos. We believe profitable business and environmental stewardship can go hand in hand. And we won't stop innovating until we get there. Our future is green. Join us on this journey.



Using recycled raw materials from beverage cups utilizes existing waste and reduces the need for virgin plastic.

## Recycled Plastic



= 2 x

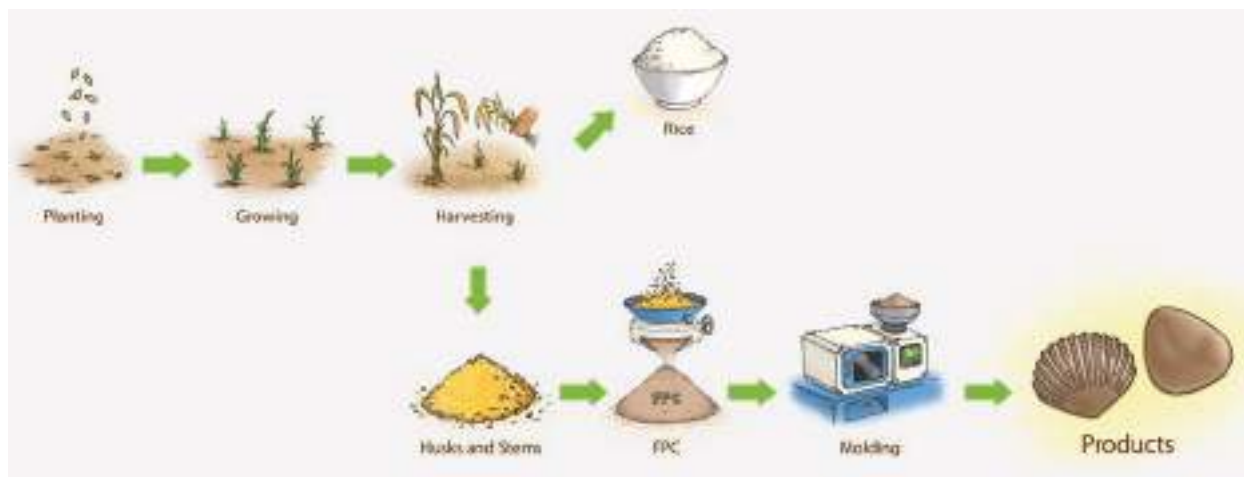


The cup icon is used to display how many Polypropylene cups are used to produce each eco-friendly product.

## FPC Eco-Friendly Material

FPC (Fibre Particulate Composite) is a biobased material made from agricultural waste - rice stems and rice husks. The FPC is a plastic substitute and comprises 70% of the raw material for these products. FPC has many advantages in reducing our impact on the environment:

- Reduces our carbon and plastic footprint
- Reduces pollution as the agricultural waste has been traditionally burned
- Reduces energy used as less plastic raw materials are required to be manufactured





## Sensory Tray

**Desk Top Water Trays****66096**

Made from recycled plastic. Compact and versatile in size. The Desk Top Water Trays in 4 earth colors are an essential sensory learning item for all early childhood centers and classrooms.

**Set includes :** 4 trays**Size :** 70 x 50 x 15cm**18m+****Tug Boats Set****66506**

Made from recycled plastic. Go green and learn through play by developing key motor, language, emotion, experimentation and observation skills playing outdoors or indoors.

**Set includes :** 12pcs**Size :** 14 x 8 x 4cm

= 33 x

**18m+****Jugs Set****66507**

Made from recycled plastic. Develop key motor, language, emotion, experimentation and observation skills playing outdoors or indoors. Great for teaching measurement, counting and basic math. This set includes 12 jugs in 3 sizes and 3 colors.

**Set includes :** 12pcs**Size :** large jug is 13.5cm high

= 34 x

**18m+****Rakes & Shovels Set****66509**

Made from recycled plastic. Children love raking and shoveling anything and everything. Guided activities help children learn through play with experimentation and observation. This set includes 3 rakes (40cm long), 3 medium shovels (38cm long) and 3 large shovels (50cm long).

**Set includes :** 9pcs**Size :** large shovel is 50cm long

= 59 x



18m+

 **Green-n-Play®**

### Sand and Water Play Set 66504

Made from recycled plastic.  
A high quality outdoor and indoor play set that has been designed to withstand the rigour of school and home use.

**Set includes :** 23pcs

**Size :** water wheel is 13.5 x 14.5 x 23cm



= 73 x



18m+

 **Green-n-Play®**

### Sand Play Set 66502

Made from recycled plastic. A high quality outdoor and indoor play set that has been designed to withstand the rigour of school and home use.

**Set includes :** 48pcs

**Size :** the bucket is 17cm high and 17cm dia.



= 121 x



18m+

 **Green-n-Play®**

### Sand Molds Set 66510

Made from recycled plastic. The Sand Molds Set helps children learn through play with experimentation, observation, measuring and counting activities that are fun!

**Set includes :** 56pcs

**Size :** the largest sand mold is 10 x 10 x 7cm



= 41 x




**18m+** No small parts **Activity Guide**


### Sensory Shells

**15205**

The sensory shells have been specially designed with 6 different tactile surfaces in 3 sizes. They are made from the FPC eco-friendly material. Children love to touch and feel the life like sea shells. The shells are ideal for teaching early number concepts, such as sorting, matching, comparing, sequencing, patterning and counting.

**Set includes :** 36 shells and 1 cotton bag

**Size :** 5.4cm, 4.7cm and 4cm wide

**6 different tactile surfaces**

 online  
resources

**18m+** No small parts


### Sensory Shells Activity Set

**14201**

Made from recycled plastic. Sensory shells help children develop their senses in sight and touch through exploration in sensory play. This set includes 54 shells in 6 different tactile surfaces and 3 colors and 8 x double-sided activity cards. Extra activity cards available online.

**Set includes :** 54 shells, 8 activity cards and additional activities online

**Size :** 4cm wide

**16**  
activities

= 6 x



18m+ No small parts

 **Green-n-Learn®**

## Sensory Pattern Blocks

22066

Made from recycled plastic! The textured pattern blocks stimulate children to learn geometric shapes through sensory learning. Each of the 6 pattern block shapes features a different tactile texture. This set comes with 12 double-sided activity cards that encourage children to learn about shapes while developing problem-solving skills through fun activities. 40 pieces in 4 colors.

**Set includes** : 40pcs, 12 activity cards and additional activities online

**Size** : square pattern blocks is 5 x 5cm



24  
activities



= 15 x

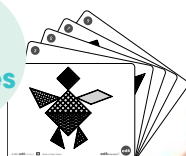


online  
resources



online  
resources

30  
activities



= 14 x



 **Green-n-Learn®**

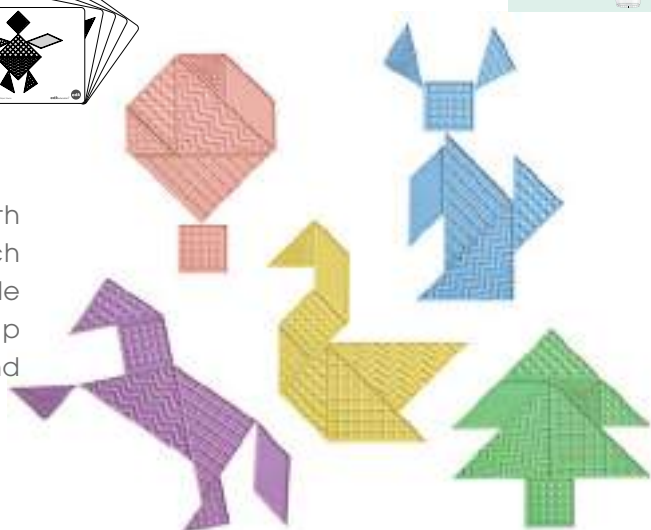
## Sensory Tangram Classroom Set

23502C

Made from recycled plastic. Tangram with tactile surfaces for sensory learning. Each piece of the tangram has a different tactile surface. Children explore and develop important problem-solving skills playing and learning with tangrams. 35 pieces in 5 colors.

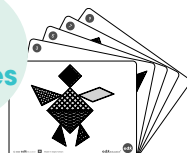
**Set includes** : 35pcs, 15 activity cards in plastic container and additional activities online

**Size** : square tangram is 5 x 5cm



online  
resources

30  
activities



= 2 x



 **Green-n-Learn®**

## Sensory Tangram

23500

Made from recycled plastic. Tangram with tactile surfaces for sensory learning. Each piece of the tangram has a different tactile surface. Children explore and develop important problem-solving skills playing and learning with tangrams.

**Set includes** : 7pcs and 15 activity cards and additional activities online

**Size** : square tangram is 5 x 5cm



**18m+** No small parts

 **Green-n-Learn®**
**Junior Rainbow Pebbles®**
**15200**

The Junior Rainbow Pebbles® are made from the natural FPC material, with each pebble having its own unique natural grain. Activity cards are designed in natural color tones to match the pebbles. 36 pebbles in 3 shapes and 6 colors.

**Set includes :** 36 pebbles and 8 activity cards

**Size :** the longest pebble is 7.5 x 2.5cm


**16**  
activities

**18m+** No small parts

 online  
resources

 **Green-n-Learn®**
**GeoFun**
**40102**

Made from recycled plastic. Children learn counting, sorting, patterning and basic geometric shapes through play activities. Ideal for developing fine motor skills.

**Set includes :** 30 beads, 1 stand, 3 rods, 8 activity cards and additional activities online

**Size :** 1 stand with rods is 13 x 4.2 x 11cm


**16**  
activities

= 8 x


 **Green-n-Learn®**
**Whales Story Counters Set**
**13154**

Made from recycled plastic. Tell the stories of the ocean and the whales life through story book. The whale counters can be used for all math activities such as counting, sorting, and patterning! This set includes 18 large whales, 18 small whales in 3 colors and a story book.

**Set includes :** 36 counters and a story book

**Size :** large whale is 6.5cm



= 9 x





## Linking Cubes

**12034**

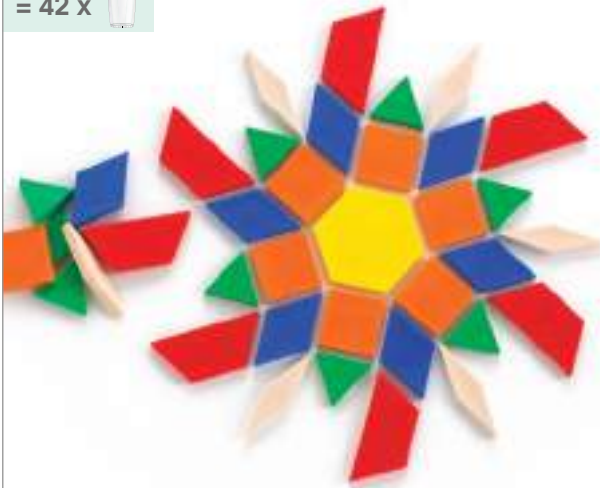
Made from recycled plastic. Linking Cube set is a multipurpose tool for all levels of learning and abilities that can be used effectively at home or in the classroom. Designed to be virtually unbreakable, these blocks will easily meet the rigours of all classroom and home activities. 2cm cubes in 10 colors. The creative possibilities are endless with these cubes.

**Set includes :** 100 cubes

**Size :** 2cm cubes



= 42 x



## Pattern Blocks

**22052**

**22052C** in plastic container

Made from recycled plastic, these 5mm thick pattern blocks are tough enough to withstand years of classroom use.

**Set includes :** 250pcs and additional activities online

**Size :** square pattern block is 2.5 x 2.5 x 0.5cm



online  
resources



## Connecting Base Ten Set

**10548**

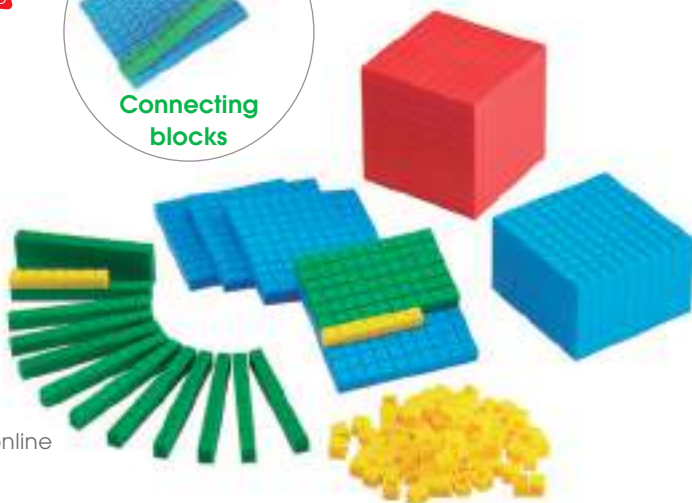
Made from recycled plastic. These interlocking base ten units cubes, rods and flats are convenient to teach counting, place value, operation, percentage, measurement and more. The set includes 100 interlocking units, 1 x 1 x 1cm, 20 interlocking rods, 10 x 1 x 1cm, 10 interlocking flats, 10 x 10 x 1cm, 1 cube, 10 x 10 x 10cm.

**Set includes :** 131pcs and additional activities online

**Size :** cube is 10 x 10 x 10cm



Connecting  
blocks



online  
resources



online  
resources

Join two abacus to generate six-digit numbers

396

504

182

= 21 x



### Place Value Abacus

**26105C**

Made from recycled plastic. This set comes with 3 stands, 9 rods, 81 abacus beads and 9 number cards.

**Set includes :** 3 stands, 9 rods, 81 abacus beads and 9 number cards in plastic container and additional activities online

**Size :** 1 stand with 3 rods is 13 x 4.2 x 11cm



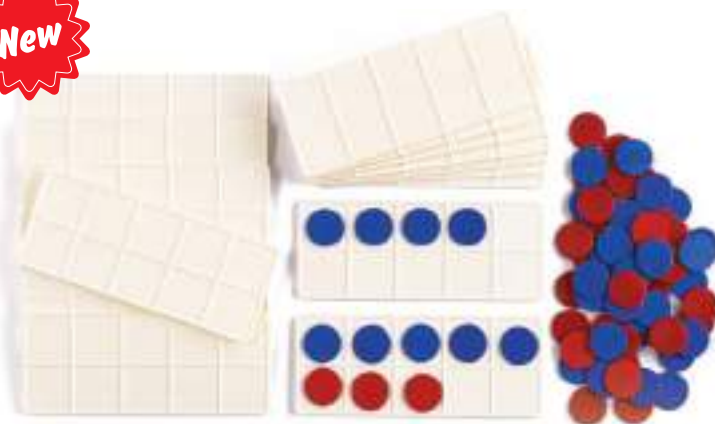
### Ten Frames Classroom Set

**26208C**

Made from recycled plastic. Helps children in visualising numbers to develop number sense, and to become proficient in addition and subtraction.

**Set includes :** 16 ten frames and 160 counters in plastic container

**Size :** ten frame is 16cm x 6.5cm



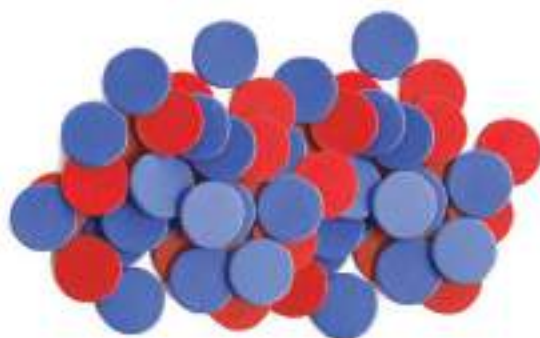
### 2-Color Counters

**13218**

Made from recycled plastic. 1" (25mm) dia., plastic counters, double-sided in two colors (red and blue).

**Set includes :** 200 counters

**Size :** 2.5cm dia.



# EARLY CHILDHOOD





## Water Play

Children develop important skills through water and sand play:

- **Physical development (fine and gross motor skills)** - scooping and pouring of water and sand assists children in developing hand-eye coordination and also in developing their hand and arm muscles.
- **Social** - children learn to work together and share, and to use their new vocabulary in communicating with each other.
- **Mathematics and science** - allowing children to explore and understand basic mathematics and science concepts such as gravity, floating and sinking, and measuring.
- **Language** - provides an opportunity for children to expand their vocabulary through learning the names of the various apparatus used (eg funnel, scoop, sieve, bucket, spade, hose etc) and in learning the basic mathematics and science concepts (eg more/less, larger/smaller, equal, empty/full, heavy/light etc).

Please note that children must be closely supervised when playing with water.



**18m+** Activity Guide Sensory Tray

### Fun² Play Water Tray 66109

Clear tray, clear lid (play tray).

**Set includes :** 1 tray with lid

**Size :** tray is 58 x 58 x 23cm; lid is 50 x 50 x 3.5cm

**18m+** Activity Guide Sensory Tray

### Fun² Play Water Tray 66102

Clear tray (without lid)

**Set includes :** 1 tray

**Size :** tray is 58 x 58 x 23cm

### Fun² Play Activity Stand

Metal folding stand with two casters.

**66107** 48.5cm high

**66108** 58cm high

**Includes :** 1 stand



**66107** 48.5cm high



**66108** 58cm high



This product is designed for indoor use, do not store outside and minimise exposure to direct sunlight as this will cause the product to discolor due to the effects of UV radiation.



Water tight  
screw-in plug

#### Sensory Tray

### Super Water Tray Set 66017

Super Water Tray Set has been designed to be more durable and easier to empty and drain of sand & water. Features a water tight screw-in plug for easy water drainage and 2 lids that have been designed to be used as separate play tables that can accommodate 2-4 children's play activities.

**Set includes :** 1 tray with 2 lids, activity frame and non-foldable stand

**Size :** tray is 110 x 58 x 23cm; lid is 50 x 50 x 3.5cm; stand is 58cm high; activity frame is 127 x 73cm



Water tight  
screw-in plug



#### Sensory Tray

### Super Water Tray Set 66028

This strong and versatile plastic play tray features a water release plug in the bottom for easy discharge. Tray measures 110cm x 60.5cm x 21.5cm deep, 58cm high tubular steel frame, sturdy lid which can also be used as a storage shelf under the water tray, activity frame measuring 127cm x 73cm.

**Set includes :** 1 tray with lid, activity frame and non-foldable stand

**Size :** tray is 110 x 60.5 x 21.5cm; stand is 58cm high; activity frame is 127 x 73cm



This product is designed for indoor use, do not store outside and minimise exposure to direct sunlight as this will cause the product to discolor due to the effects of UV radiation.



Water tight  
screw-in plug



18m+ Sensory Tray

### Premium Water Tray

**66066**

Clear tray and 2 black lids (play tray)

**Set includes :** 1 tray with 2 lids

**Size :** tray is 110 x 58 x 23cm; lid is 50 x 50 x 3.5cm



18m+ Sensory Tray

### Premium Water Tray

**66067**

Clear tray

**Includes :** 1 tray

**Size :** tray is 110 x 58 x 23cm



### Premium Water Tray Stand

Metal folding stand with two casters.

**66070** 58cm high

**66071** 48.5cm high

**Includes :** 1 stand



Sensory Tray

Sand and Water Tray



**66030**

**Set includes :** 1 tray with lid and stand

**Size :** tray is 110 x 60.5 x 21.5cm; stand is 40cm high



**66031**

**Set includes :** 1 tray with lid and stand

**Size :** tray is 110 x 60.5 x 21.5cm; stand is 58cm high



Water tight  
screw-in plug

**66033**

**Set includes :** 1 tray with 58cm  
high stand. (without lid)

**Size :** tray is 110 x 60.5 x 21.5cm;  
stand is 58cm high



Sensory Tray

\*Toys are not included.

Circular Water Tray

**66050**

Circular water tray is designed with multiple interior levels and slopes to allow children to explore many different activities. Constructed of strong durable plastic, with a heavy duty steel tubular frame. Comes with a plastic molded lid.

**Set includes :** 1 tray with lid and stand

**Size :** tray is 75cm dia.; stand is 58cm high

Water tight  
screw-in plug





\*Toys are not included.

#### Sensory Tray

### Sand and Water Tray

This strong and versatile plastic play tray features a water release plug in the bottom for easy discharge. Includes a strong tubular frame fitted with two lockable casters for easy movement. The tray measures 110 x 60.5 x 21.5 cm deep.

Water tight  
screw-in plug



**66026**

**Set includes :** 1 tray with 58cm high stand (without lid)

**Size :** tray is 110 x 60.5 x 21.5cm; stand is 58cm high



**New**

**66027**

**Set includes :** 1 tray with 40cm high stand (without lid)

**Size :** tray is 110 x 60.5 x 21.5cm; stand is 40cm high

⚠ This product is designed for indoor use, do not store outside and minimise exposure to direct sunlight as this will cause the product to discolor due to the effects of UV radiation.




50cm

70cm

15cm

**Sensory Tray**

**Desk Top Water Tray**

**66090**

Translucent.

**Includes :** 1 tray

**Size :** 70 x 50 x 15cm

\*Toys not included.




58cm

**Desk Top Water Tray Stand**

**66099**

Folding sturdy steel frame with a nylon shelf and two casters to allow easy movement around the classroom. Fits Edx Desk Top Water Trays.

**Includes :** 1 stand

**Size :** 58cm high

\*Tray and Toys not included.

⚠ This product is designed for indoor use, do not store outside and minimise exposure to direct sunlight as this will cause the product to discolor due to the effects of UV radiation.



#### Sensory Tray

### Desk Top Water Trays

**66094**

These stackable sand and water trays are ideal for early childhood centers and classrooms with limited space. 4 colors.

**Set includes :** 4 trays

**Size :** 70 x 50 x 15cm



#### Sensory Tray



### Desk Top Water Trays

**66096**

Made from recycled plastic! Compact and versatile in size. The Desk Top Water Trays in 4 earth colors are an essential sensory learning item for all early childhood centers and classrooms.

**Set includes :** 4 trays

**Size :** 70 x 50 x 15cm



This product is designed for indoor use, do not store outside and minimise exposure to direct sunlight as this will cause the product to discolor due to the effects of UV radiation.

## Fun<sup>2</sup> Play System

- **Multifunctional** – A multipurpose activities' tray which can be used for sand & water play, light box, art & craft, planting...etc. Children can explore, discover and learn through Fun<sup>2</sup> Play activities.
- **Mobility** – Made of durable plastic material, easy to move indoors and outdoors, you can make different combinations for different needs.
- **Compact design** – Compact design for limited space.  
Activity stand is a recommended add-on, the Fun<sup>2</sup> Play Tray can be placed under the stand as a storage tray. Well designed folding frame for easy storage.
- **Easy to clean** – Drainage hole at the bottom of activity tray, easy to clean and drain.



Water tight  
screw-in plug



18m+ Activity Guide Sensory Tray

### Fun<sup>2</sup> Play Activity Tray

**66109** Clear tray, clear lid (play tray)



**66102** Clear tray (without lid)

Size : tray is 58 x 58 x 23cm; lid is 50 x 50 x 3.5cm

### Fun<sup>2</sup> Play Activity Stand

**66107** 48.5cm high

**66108** 58cm high

Metal folding stand with two casters.

Includes : 1 stand



50cm

12m+ Activity Guide Sensory Tray

### Fun<sup>2</sup> Play Tray

**66115** infinite black

**66116** lake blue

Includes : 1 tray

Size : 50 x 50 x 3.5cm



18m+

### Fun<sup>2</sup> Square Mirror

**661193**

Fits on Fun<sup>2</sup> Play Tray.

Includes : 1 mirror

Size : 50 x 50 x 0.5cm



25cm

12m+ Sensory Tray

### Fun<sup>2</sup> Messy Tray

**77035**

Set includes : 4 trays

Size : 25 x 25 x 2.5cm



This product is designed for indoor use, do not store outside and minimise exposure to direct sunlight as this will cause the product to discolor due to the effects of UV radiation.


**Activity  
Guide**

### Crazy Tube Set 66358

Children can design their own water system before scooping, pouring, measuring and pumping water while developing important motor skills and learning measurement, counting, experimentation, creativity, social skills, team work and observation through interesting and fun activities with water. Comes with a water pump and 7 different connectable tube pieces and 2 pop tubes for a total set of 73 pieces.

**Set includes :** 73pcs and activity guide

**Size :** the tube is 2cm dia.



### Water Pump 66325

Water play using a pump! Children love observing and experimenting with water using a pump. This water pump has been designed to withstand the rigours of classroom and home use.

**Includes :** 1 water pump


**Size :** 10 x 6 x 33cm

### Water Pump School Set 66326

**Set includes :** 4 water pumps

**Size :** 10 x 6 x 33cm




= 59 x 

18m+

Green-n-Play®

### Rakes & Shovels Set 66509

Made from recycled plastic. Children love raking and shoveling anything and everything. Guided activities help children learn through play with experimentation and observation. This set includes 3 rakes (40cm long), 3 medium shovels (38cm long) and 3 large shovels (50cm long).

**Set includes :** 9pcs

**Size :** large shovel is 50cm long

18m+


Green-n-Play®

### Tug Boats Set 66506

Made from recycled plastic. Go green and learn through play by developing key motor, language, emotion, experimentation and observation skills playing outdoors or indoors.

**Set includes :** 12pcs

**Size :** 14 x 8 x 4cm


= 33 x 

18m+


Green-n-Play®

### Jugs Set 66507

Made from recycled plastic. Develop key motor, language, emotion, experimentation and observation skills playing outdoors or indoors. Great for teaching measurement, counting and basic math. This set includes 12 jugs in 3 sizes and 3 colors.

**Set includes :** 12pcs

**Size :** large jug is 13.5cm high


= 34 x 

18m+

Green-n-Play®

### Sand and Water Play Set 66504

Made from recycled plastic. A high quality outdoor and indoor play set that has been designed to withstand the rigour of school and home use.

**Set includes :** 23pcs

**Size :** water wheel is 13.5 x 14.5 x 23cm



= 73 x



18m+

Green-n-Play®

### Sand Play Set 66502

Made from recycled plastic. A high quality outdoor and indoor play set that has been designed to withstand the rigour of school and home use.

**Set includes :** 48pcs

**Size :** the bucket is 17cm high and 17cm dia.



= 121 x



18m+

Green-n-Play®

### Sand Molds Set 66510

Made from recycled plastic. The Sand Molds Set helps children learn through play with experimentation, observation, measuring and counting activities that are fun!

**Set includes :** 56pcs

**Size :** the largest sand mold is 10 x 10 x 7cm



= 41 x





### Water Play Tool Set 66355

Water play with a pump! Children love scooping, pouring, measuring and pumping water while developing important motor skills and learning measurement, counting, experimentation and observation. This set includes measuring cups, a bucket, a funnel, a watering can, a water pump and 4 pop tubes.

**Set includes :** 13pcs

**Size :** the bucket is 17cm high and 17cm dia.



### Classroom Water Play Tool Set 66351

Our classroom water play set is packed with a great selection of water tools that allow young children to expand and experience more water activities. All of our tools are designed for children's small hands and are extremely easy to use.

**Set includes :** 27pcs

**Size :** the bucket is 17cm high and 17cm dia.



### Classroom Sand Play Tool Set 66356

All of our sand tools are excellent for indoor or outdoor use, designed specially for children's small hands and made of durable high impact plastic for long life use.

**Set includes :** 30pcs

**Size :** the bucket is 17cm high and 17cm dia.

## Activity Guide

## Float or Sink Fun

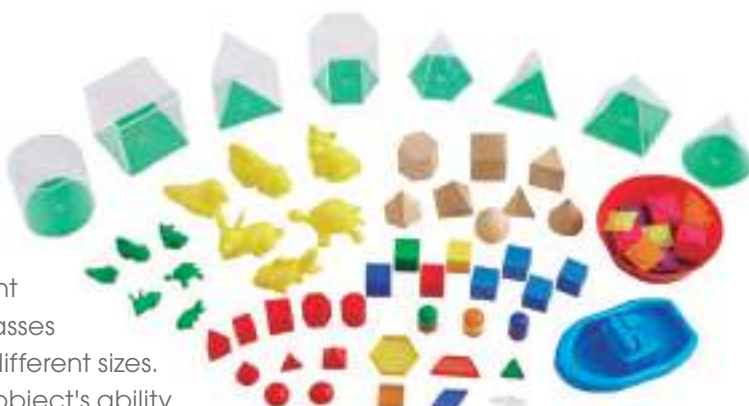
66360

Classroom set includes a bowl and a tug, wooden and plastic geo solids, geo volume solids, foam and plastic cubes, translucent pattern blocks, plastic stacking masses and counters, animal counters in different sizes.

Encourage children to predict an object's ability to sink or float by observing its physical attributes. Children will have fun sorting these objects into groups of floaters and sinkers.

**Set includes :** 78pcs

**Size :** the tug is 14 x 8 x 4cm



18m+

## Junior Garden Tools

66462

The Junior Garden Tool Set is perfect for children's exploration, observation and communication development. Children also learn about the natural environment while developing key motor skills in using these tools for math activities that include measurement and counting. This set includes 2 sets of 3 tools in 3 colors. Tools include hand rakes, trowels and transplant trowels.

**Set includes :** 18pcs

**Size :** transplant trowel is 20.5cm long



18m+

## Garden Tool Set

66460

Gardening is perfect for providing exploration and thinking activities, communication and well-being in an early years setting. It also promotes motor skill activities for children and provides children with opportunities to learn about caring for, and respecting, the environment around them. Set includes 3-piece large set and 3-piece small set and one bucket. (Planting pots not included)

**Set includes :** 7pcs

**Size :** large transplant trowel is 29cm long



# ***Sensory Play***

**Explore tactility and symmetry**

**Learn Skills:**

- **sorting**
- **matching**
- **comparing**
- **patterning**
- **counting**



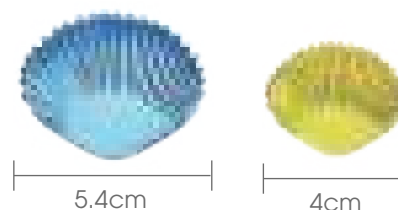


Ideal for light box play

BPA Free!

EARLY CHILDHOOD

sensory play



18m+ No small parts Activity Guide

### Translucent Sensory Shells 13843C

2 sizes, 6 colors, 6 different tactile surfaces.

**Set includes** : 108 shells in plastic container

**Size** : 5.4cm and 4cm wide



18m+ No small parts Activity Guide

### Translucent Sensory Shells 13841J

6 colors, 6 different tactile surfaces.

**Set includes** : 72 shells in jar

**Size** : 4cm wide

18m+ No small parts Activity Guide

### Translucent Sensory Shells 13842J

6 colors, 6 different tactile surfaces.

**Set includes** : 36 shells in jar

**Size** : 5.4cm wide



18m+ No small parts Activity Guide

### Translucent Sensory Shells - Neon Colors 13844J

6 neon colors, 6 different tactile surfaces.

**Set includes** : 72 shells in jar

**Size** : 4cm wide



18m+ No small parts Activity Guide

6 different tactile surfaces



### Sensory Shells 15205



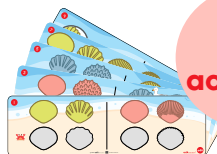
The sensory shells have been specially designed with 6 different tactile surfaces in 3 sizes. They are made from the FPC eco-friendly material. Children love to touch and feel the life like sea shells. The shells are ideal for teaching early number concepts, such as sorting, matching, comparing, sequencing, patterning and counting.

**Set includes :** 36 shells and 1 cotton bag

**Size :** 5.4cm, 4.7cm and 4cm wide



online  
resources



16  
activities

= 6 x

18m+ No small parts



### Sensory Shells Activity Set 14201

Made from recycled plastic. Sensory shells help children develop their senses in sight and touch through exploration in sensory play. This set includes 54 shells in 6 different tactile surfaces and 3 colors and 8 x double-sided activity cards. Extra activity cards available online.

**Set includes :** 54 shells, 8 activity cards and additional activities online

**Size :** 4cm wide





**Ideal for light box play**



online  
resources

**18m+** No small parts

## Sensory Pattern Blocks

**22068C**

Ideal for light box activities. The textured pattern blocks stimulate children to learn geometric shapes through sensory learning. Each of the 6 pattern block shapes feature a different tactile texture. 60 pieces in 6 colors.

**Set includes** : 60pcs in plastic container and additional activities online

**Size** : square blocks is 5 x 5cm



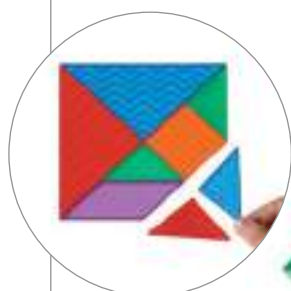
## Translucent Pattern Blocks

**22108J**

6 shapes, 6 colors.

**Set includes** : 120pcs in jar

**Size** : square block is 2.5 x 2.5cm



online  
resources



**18m+** No small parts

## Translucent Sensory Tangram

**23504C**

Tangram with tactile surfaces for sensory learning. Each piece of the tangram has a different tactile surface. Children explore and develop important problem-solving skills playing and learning with tangrams. 35 pieces in 5 colors.

**Set includes** : 35pcs in plastic container and additional activities online

**Size** : square tangram is 5 x 5cm

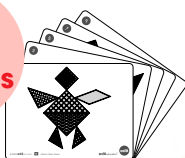
18m+ No small parts

 Green-n-Learn®24  
activities= 15 x **Sensory Pattern Blocks****22066**

Made from recycled plastic! The textured pattern blocks stimulate children to learn geometric shapes through sensory learning. Each of the 6 pattern block shapes features a different tactile texture. This set comes with 12 double-sided activity cards that encourage children to learn about shapes while developing problem-solving skills through fun activities. 40 pieces in 4 colors.

**Set includes** : 40pcs, 12 activity cards and additional activities online

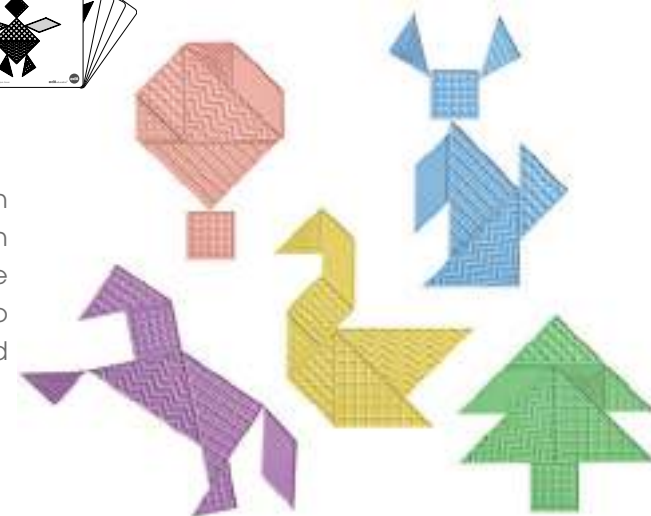
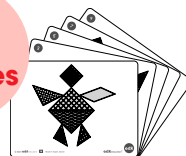
**Size** : square pattern blocks is 5 x 5cm

online  
resourcesonline  
resources30  
activities= 14 x  Green-n-Learn®**Sensory Tangram Classroom Set****23502C**

Made from recycled plastic. Tangram with tactile surfaces for sensory learning. Each piece of the tangram has a different tactile surface. Children explore and develop important problem-solving skills playing and learning with tangrams. 35 pieces in 5 colors.

**Set includes** : 35pcs, 15 activity cards in plastic container and additional activities online

**Size** : square tangram is 5 x 5cm

online  
resources30  
activities= 2 x  Green-n-Learn®**Sensory Tangram****23500**

Made from recycled plastic. Tangram with tactile surfaces for sensory learning. Each piece of the tangram has a different tactile surface. Children explore and develop important problem-solving skills playing and learning with tangrams.

**Set includes** : 7pcs and 15 activity cards and additional activities online

**Size** : square tangram is 5 x 5cm





Ideal for light box play



3 shapes,  
6 translucent colors



18m+ No small parts Activity Guide

### Translucent Junior Rainbow Pebbles®

13228J

A brilliant learning tool for toddlers. Children are fascinated by these smooth, translucent and odd-shaped pebbles. Build essential skills - learn to sort, make patterns, identify colors and create pictures, perfect for open-ended play. Includes activity guide for learning ideas. Early construction and manipulative set, ideal for developing fine motor skills.

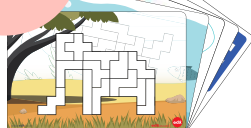
**Set includes :** 36 pebbles in jar

**Size :** the longest pebble is 7.5 x 2.5cm



12 shapes in  
3 colors

24  
activities



online  
resources

18m+ No small parts

### 3D Pentominoes Puzzle

23252C

3D Pentominoes Puzzle! Comes with 12 double-sided activity cards that include fun and interesting construction and balance activities. 3D Pentominoes Puzzle helps children improve their problem-solving skills while enhancing their imagination and fine motor skills through play. Ideal for classroom and home learning. 36 blocks in 12 shapes and 3 colors.

**Set includes :** 36 blocks, 12 activity cards in plastic container and additional activities online

**Size :** the longest blocks is 7.5 x 1.5 x 2cm





**Ideal for light box play**

**18m+ No small parts**

## Sensory Geo Pads

**62402**

Sensory Geo Pads in 4 shapes with glitter inside (square, rectangle, triangle and circle). Ideal sensory manipulative for children to squish and play with while becoming familiar with the geometric shape names.

**Set includes** : 4pcs

**Size** : square pad is 12 x 12cm



**18m+ No small parts**

## Sensory Pads

**62405**

6 Sensory Pads in 6 colors with glitter inside (yellow, orange, red, blue, green and purple – 12cm diameter). Ideal sensory manipulative for children to squish and play. Learn color recognition while having fun. Perfect for social play activities that calm children. Relieve children's anxiety through play. Perfect for small hands to improve their fine motor skills.

**Set includes** : 6pcs

**Size** : 12cm dia.



**Activity Guide**

## Interlocking Rainbow Pebbles®

**50125J**

Interlocking Rainbow Pebbles® consists of 6 different shapes that all connect together. Create dinosaurs, birds, cars, planes and so much more. 6 shapes in 6 colors.

**Set includes** : 72pcs, activity guide in jar and additional activities online

**Size** : large piece is 8.8 x 5.6cm



**online resources**

Parts							
Quantity	x6	x6	x12	x12	x18	x18	x1



Ideal for light box play



online  
resources



12  
activities

Activity  
Guide













## Interlocking Rainbow Pebbles® - Combo Set

50126C

Interlocking Rainbow Pebbles® - Combo Set helps children to explore their creative thinking and problem-solving skills by following the activity cards to build birds, cars and so much more. Set includes 96 pieces in 4 colors, 12 different shapes, activity guide and 12 double-sided activity cards.

**Set includes** : 96pcs, 12 activity cards in plastic container and additional activities online

**Size** : large piece is 11cm dia.

Parts														
Quantity	x4	x4	x4	x4	x8	x8	x8	x8	x12	x12	x12	x12	x12	x12



**Ideal for light box play**



### Translucent Counters

**13432J**

Translucent round counters mixed 6 colors, 200 of 25mm counters and 300 of 19mm counters.

**Set includes** : 500 counters in jar

**Size** : 2.5cm and 1.9cm dia.



### Translucent Tiles

**13442J**

Translucent tiles mixed 6 colors, 100 of 25mm counters and 200 of 19mm counters.

**Set includes** : 300 tiles in jar

**Size** : 2.5cm and 1.9cm



### Color Paddles

**39160**

Children will explore mixing colors with these color paddles. 6 colors.

**Set includes** : 6pcs

**Size** : 8 x 14cm



**18m+** No small parts

### Translucent Large Buttons

**13833J**

A big, colorful assortment of translucent buttons in size 41mm to 50mm, a pack of 260g.

**Set includes** : approx. 260g in jar.

**Size** : approx. 4.1-5cm



### Translucent Numbers Set

**56504J**

Number 0-9 that are ideal for number recognition, counting, and sequencing. Made from quality translucent plastic.

**Set includes** : 40pcs in jar

**Size** : 5cm high





Ideal for light box play



### Translucent Letters and Numbers Set 56500J

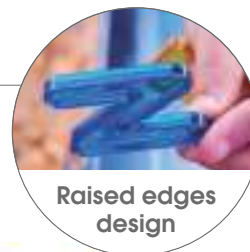
Upper case letters of the alphabet that are ideal for developing letter recognition, and for learning the order of the alphabet.

Number 0-9 that are ideal for number recognition, counting, and sequencing.

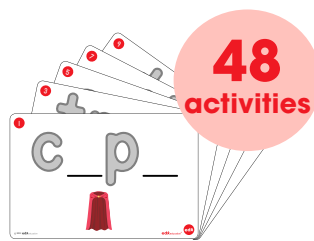
Made from quality translucent plastic, 5cm high, 26 uppercase letters and number 0-9.

**Set includes** : 36pcs in jar

**Size** : 5cm high



Raised edges  
design



### Lower Case Letters Learning Set 56506C

Learn basic words and know the alphabet. This set includes 66 letters and 25 x double-sided activity cards.

**Set includes** : 66pcs and 25 activity cards in plastic container

**Size** : 3.5-5.5cm high



Activity  
Guide

### Lower Case Letters 56505J

Know the letters of the alphabet and learn basic words learning through play.

**Set includes** : 52pcs in jar

**Size** : 3.5-5.5cm high





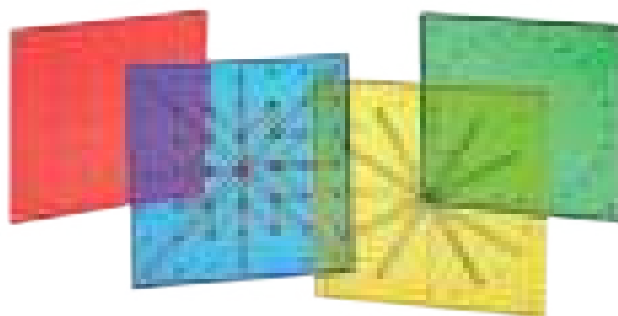
**Ideal for light box play**



**7 x 7 pins**



**24-pin  
circular array**



### Translucent Geoboards

**20182**

This set includes 4 translucent colorful geoboards, two with 7 x 7 pins and two with a 24-pin circular array. Geoboard measures 8" (20cm) square. Ideal for playing on lightbox.

**Set includes :** 4 geoboards and 80 elastic bands

**Size :** geoboard is 20 x 20cm

### Translucent Linking Cubes

**12024**

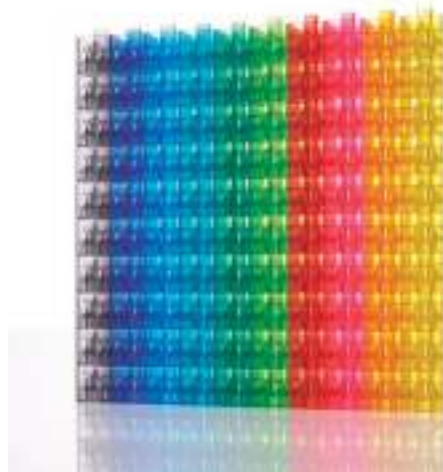
Translucent 2cm linking cubes, 100 cubes in 10 colors. A multifunctional manipulative that can be used for all levels of learning. An ideal hands-on tool for learning geometry, patterning, numbers, addition, subtraction, measurement and so much more.

**Set includes :** 100 cubes

**Size :** 2cm cubes



**2 cm**



### Translucent Attribute Blocks

**19532J**

A set contains 5 shapes in 3 colors and 2 sizes.

**Set includes :** 60pcs in jar

**Size :** the large square is 5.5 x 5.5cm



\*Shells not included.

**18m+** No small parts

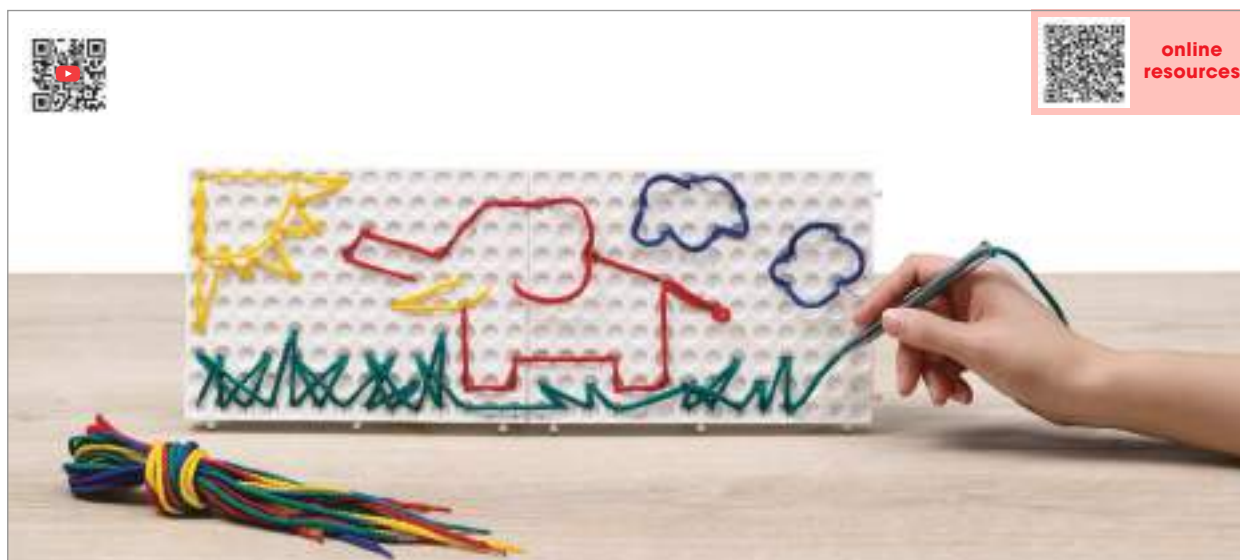
### Translucent Sorting Bowls

**15534**

Good for all types of sorting activities.

**Set includes :** 4 sorting bowls

**Size :** 13cm dia.



### Junior String Art

Activity  
Guide

**44012**

Children develop their fine motor skills while developing their problem-solving, creative thinking, patterning and art skills using the Junior String Art. The high quality baseboards are designed to withstand the rigours of classroom and home use.

**Set includes :** 2 baseboards, 8 laces, 1 string pen, activity guide and additional activities online

**Size :** baseboard is 19.5 x 14cm



### Junior String Art School Set

**44013**

This set includes 8 connectable baseboards, 32 laces, 8 string pens and 12 activity cards. Children can work individually and in group activities with the connectable baseboards. This set has been designed to withstand the rigor of classroom use with the high quality pens, laces and baseboards.

**Set includes :** 8 baseboards, 32 laces, 8 string pens, 12 activity cards and additional activities online

**Size :** baseboard is 19.5 x 14cm



Look through the hole in the mirror and explore infinity!

Activity Guide

## Junior GeoLand®

22242

The Junior GeoLand® mirror set stimulates children's imagination and allows them to explore symmetry and reflection with their creative designs. They will also want to look into the mirrors and see their own multi-image reflections. Set includes 3 vertical acrylic mirrors, one semicircular horizontal acrylic mirror, plastic frame with degree graduations, 30 x pattern blocks, 50 x GeoStix® and 64 x 2-sided activity cards.

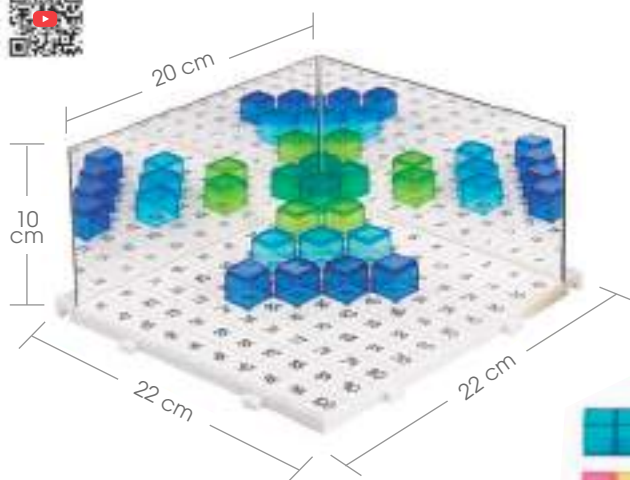
**Set includes :** 4 mirrors, 1 plastic frame, 30 pattern blocks, 50 geostix, and 64 activity cards

**Size :** plastic frame is 30 x 15.5 x 1cm

64  
activities



16  
activities



## Reflection Activity Set

19611

The Reflection Activity Set helps stimulate children's imaginations to explore symmetry and reflection with their creative designs. Children also develop problem-solving and critical thinking skills while familiarizing themselves with numbers when creating the 2D and 3D activity card designs! Activity booklet includes 16 activities.

**Set includes :** 100 translucent cubes, 1 number board, 1 L frame, 2 mirrors and 1 activity booklet

**Size :** number board is 22 x 22cm



# *Active Play*

## Learn Skills:

- gross motor
- balance and coordination





Practical store & carry nylon bags



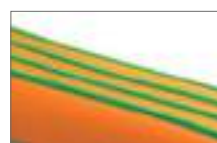
18m+

## Step-a-Forest

63092

This set consists of stumps, logs and leaves which are made of durable molded plastic with soft non-slip lines to allow the children to walk and balance the winding log trails safely. All the fun of a traditional balance beam with the excitement of creating a variety of different log trail combinations.

**Set includes :** 22pcs and 2 nylon carry bags



Non-slip surface

Shape						
Quantity	x2	x2	x2	x2	x8	x6
Dimensions(cm)	22 x 21 x 10	26 x 24 x 11.2	28.8 x 28 x 13.3	46 x 37.4 x 6.4	48 x 13.6 x 6.4	26 x 18.7 x 0.5



Non-slip surface

18m+

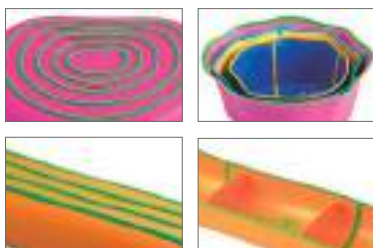
### Step-a-Trail 63093

This 6-piece Step-a-Trail set is constructed of durable plastic with soft non-slip lines on the top and bottom surfaces for safety. Toddlers to school-aged children will have so much fun with role play and physical activity inspired by these pieces. Excellent resource for building children's gross motor skills, balance and coordination. Begin by organizing the stumps and trails in a straight line then move on to more challenging courses. Set consists of 3 straight log trails and 3 different size tree stumps.

**Set includes :** 6pcs



Shape				
Quantity	x1	x1	x1	x3
Dimensions(cm)	22 x 21 x 10	26 x 24 x 11.2	28.8 x 28 x 13.3	48 x 13.6 x 6.4





Non-slip surface

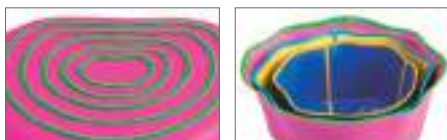
18m+

### Step-a-Forest 63096

This set consists of stumps and logs which are made of durable molded plastic with soft non-slip lines to allow the children to walk and balance the winding log trails safely. All the fun of a traditional balance beam with the excitement of creating a variety of different log trail combinations.

**Set includes :** 12pcs

Shape					
Quantity	x2	x2	x2	x3	x3
Dimensions(cm)	22 x 21 x 10	26 x 24 x 11.2	28.8 x 28 x 13.3	48 x 13.6 x 6.4	48 x 13.6 x 6.4



Non-slip surface






Practical store & carry nylon bags

18m+



### Step-a-Stumps 63072

Each of these tree stump shapes is made of durable plastic with soft non-slip surface rings that allow the children to safely experience balance and gain their confidence as they jump from tree stump to tree stump.

**Set includes :** 6 stumps and 1 nylon carry bag

Shape			
Quantity	x2	x2	x2
Dimensions(cm)	22 x 21 x 10	26 x 24 x 11.2	28.8 x 28 x 13.3



Shape		
Quantity	x3	x3
Dimensions(cm)	48 x 13.6 x 6.4	48 x 13.6 x 6.4

18m+

**Step-a-Trails****63083**

Our Step-a-Trails are excellent balance beams to coordinate children's gross motor, balance and muscle development control. Trails are made of durable molded plastic with soft non-slip lines to allow the children to walk and balance on the winding log trails safely. All the fun of a traditional balance beam with the excitement of creating a variety of different log trail combinations.

**Set includes :** 6 trails





18m+

**Step-a-Stumps****63073**

These tree stumps are made of durable plastic with soft non-slip surface rings that allow the children to safely experience balance and gain their confidence as they jump from tree stump to tree stump.

**Set includes :** 6 stumps




Shape		
Quantity	x3	x3
Dimensions(cm)	26 x 24 x 11.2	26 x 24 x 11.2

Balancing Path

63702

This balancing path consists of 28 detachable pieces in 6 colors which can be slotted together to form variety walking path with 4 connectors. Made of high density plastic with non-slip surface.

Set includes : 28pcs

Shape			
Quantity	x4	x12	x12
Dimensions(cm)	14 x 14 x 10	5 x 29 x 10	5 x 29 x 10



Solid slotting



Square path



Circular path



Curved path



Non-slip pimpled surface



Non-slip base

### Step-a-Stones™

#### 63050

30cm dia. base, 13cm high, 6 pieces with ropes. Sturdy flat-topped plastic 'stones' are connected with ropes which may be adjusted. Each stone has a sensory platform top to help prevent slipping. Children will gain confidence and improve balance as they progress from stepping on each stone over short gaps to jumping over longer gaps. Made from strong polypropylene, stones can support an adult's weight. Extra sets may be added to form longer trails.

**Set includes :** 6 stones with ropes

**Size :** platform top is 22cm dia., base is 30cm dia., 13cm high



### Step-a-Logs™

#### 63020

50cm long, 14cm wide base, 6 pieces with ropes. Correct balance and direction are skills developed in this gross motor activity. Gaining confidence and a sense of achievement result from improved coordination, balance and correct movement. Two ramps enable easy access for children to walk one foot in front of the other on the various balance platforms. These stepping logs provide another dimension to balance and coordination. Each log has a ribbed sensory top platform to help prevent slipping. The logs are connected with rope, which may be adjusted to different lengths for different combinations and degrees of difficulty.

Made from strong polypropylene, these logs can easily support an adult's weight. Extra sets can be added to form longer log trails.

**Set includes :** 6 logs with ropes

**Size :** log platform is 50 x 10 x 10 cm high, total length measures 4.42 meters





### Number/Dot Bean Bags

**61070**

Colorful bean bags offer many options for learning and play. Great for developing gross motor skills. Number 1 - 10 in 5 colors.

**Set includes :** 10 bean bags

**Size :** 10 x 10cm



### Bean Bags 1 - 20

**61075**

Children will have fun throwing the bean bags while learning the numbers 1 to 20. 5 colors.

**Set includes :** 20 bean bags

**Size :** 10 x 10cm



### Alphabet Bean Bags

**61085**

Colorful bean bags offer many options for learning and play. Great for developing gross motor skills. 5 colors.

**Set includes :** 26 bean bags and 1 cotton bag

**Size :** 10 x 10cm



### Square Bean Bags

**61020**

For children aged 3 - 7. 12 x 12cm.

**Set includes :** 4 bean bags

**Size :** 12 x 12cm



two launch points



### Joey Jump

**61240**

Place the bean bag on the end and stomp on the other end. The bean bag will fly into the air ready to catch. Made of durable strong plastic and includes 2 bean bags.

**Set includes :** 1 Joey Jump and 2 bean bags

**Size :** Joey Jump platform is 70cm long

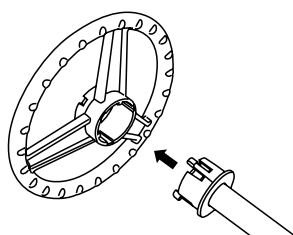
## Go Wheelie

This Australian designed play wheel is fun and safe for children from ages 2 to 7. Will stimulate every child's imagination through encouraging roleplay, developing balancing, coordination and communication skills. Great for indoor and outdoor play.

**63031** measures 70cm high, with clicker (flat packaging)

**63037** measures 60cm high (flat packaging)

**Includes** : 1 Go Wheelie



\*easy snap assembly



\*Max weight 45kg

## Whizzy Dizzy

**294201**

Hours and hours of entertainment for ages 3 and up. Great for developing gross motor skills and improving hand-eye coordination. Healthy exercise and great fun. Max weight 45kg.

**Includes** : 1 Whizzy Dizzy

**Size** : 55cm dia, 30cm high



This product is designed for indoor use, do not store outside and minimise exposure to direct sunlight as this will cause the product to discolor due to the effects of UV radiation.



18m+

### Balancing Ball 63042

Durable plastic wands, with colorful plastic balls. 4 colors.

**Set includes** : 4 wands and 4 balls

**Size** : wand is 34cm long; ball is 7cm dia.



### Swing-N-Catch Cups 63061

A simple classic game is great for developing hand-eye coordination. 6 colors.

**Set includes** : 6pcs

**Size** : cup is 20cm high



### Ankle Hoops 63062

An ideal game for developing jumping skills and coordination. 6 colors.

**Set includes** : 6pcs

**Size** : hoop is 16cm dia.



\*Non-slip pimpled surface

18m+ **Activity Guide**

### Hand & Foot Marks Activity Set

**63525**

Create routes for others to follow with these soft non-slip hand marks and foot marks set. Routes can also be mapped. Children will develop gross motor skills (balance and coordination) and also learn about spatial awareness. 6 colors.

**Set includes :** 12 foot marks, 12 hand marks, 1 color dice and 1 number dice in cotton bag.

**Size :** hand mark is 15cm; foot mark is 20cm



18m+



### Sensory Hand Marks

**63532**

Create routes for others to follow with these soft non-slip hand marks. Routes can also be mapped. Children will develop gross motor skills (balance and coordination) and also learn about spatial awareness. 6 colors.

**Set includes :** 12 hand marks

**Size :** hand mark is 15cm

18m+

### Sensory Foot Marks

**63524**

Create routes for others to follow with these soft non-slip foot marks. Routes can also be mapped. Children will develop gross motor skills (balance and coordination) and also learn about spatial awareness. 6 colors.

**Set includes :** 12 foot marks

**Size :** foot mark is 20cm





### Traffic Sign Set 69110

These road signs are designed to be light weight, easily assembled and carried for indoor use, an excellent teaching aid to help children recognise actual road signs. Made of sturdy plastic, minimal assembly required. They can be used in walking, running and biking activities.

**Set includes :** 6 traffic signs

**Size :** stop sign is 70cm high



18m+ **Activity Guide**

### Number Skittles 26300

Develop gross motor skills while at the same time improving basic mathematics skills. Fun activity for students and teachers. 10 skittles and 2 balls in a vinyl carry bag.

**Set includes :** 10 skittles and 2 balls

**Size :** skittle is 23cm high; ball is 8cm dia.



### Hopping Sacks 62701

Strong plastic sacks with flat bottoms, two handles and super strong stitched seams. Set of 4 colors.

**Set includes :** 4pcs

**Size :** 23 x 23 x 55cm



18m+ No small parts

**Geo Pegs and Peg Board****39492**

36 stackable giant pegs in 6 bright colors, 3 shapes, with 21cm square peg board and 3 laces. Ideal for developing fine motor skills, counting, sorting and patterning. Pegs are with hole through the bottom, can be also used for lacing activities.

**Set includes :** 36 pegs, 1 peg board and 3 laces

**Size :** peg board is 21 x 21cm



50 activities



18m+ No small parts Activity Guide

**FunPlay Geo Pegs****39482**

Children enjoy playing with the Geo Pegs by pushing in, pulling out and stacking them. The rectangular peg board and round peg board encourages children to create different patterns. Playing with the Geo Pegs also teaches children sorting, matching, sequencing, patterning, and counting skills.

**Set includes :** 24 pegs, 2 peg boards, Fun<sup>2</sup> messy tray and 25 activity cards

**Size :** round peg board is 22cm dia.

18m+ No small parts

**Geo Pegs Activity Set****39495C**

Ideal for developing fine motor skills, patterning and sequencing, creative design, addition and subtraction, and logical reasoning skills. 4 peg boards that can be joined together.

**Set includes :** 144 pegs, 4 peg boards, 12 laces and 12 activity cards in plastic container.

**Size :** peg board is 21.5 x 21.5cm

23 activities





online  
resources

18m+ No small parts

**Green-n-Learn®**  
**GeoFun**

**40102**

Made from recycled plastic. Children learn counting, sorting, patterning and basic geometric shapes through play activities. Ideal for developing fine motor skills. Set includes 30 beads, 5 shapes in 6 colors beads, one stand and 3 rods, 8 double-sided activity cards.

**Set includes** : 30 beads, 1 stand, 3 rods, 8 activity cards and additional activities online

**Size** : 1 stand with rods is 13 x 4.2 x 11cm



= 8 x



**16**  
activities



**19**  
activities

18m+ No small parts

**GeoFun Sorting Beads**  
**40100**

Learn sorting, counting and patterning with these geometric shaped colorful beads. Ideal for developing fine motor skills.

**Set includes** : 36 beads, 2 stands, 6 rods and 10 activity cards

**Size** : 1 stand with rods is 13 x 4.2 x 11cm



18m+ No small parts

**Nuts & Bolts**  
**50160**

These easy-to-hold, large size nuts & bolts are made from sturdy plastic, durable for classroom use. Ideal for children to develop fine motor skills. 4 shapes, 4 colors, 32 pairs of Nuts & Bolts.

**Set includes** : 64pcs

**Size** : bolt is 6cm long



18m+ No small parts

**Nuts & Bolts Activity Set**  
**50158**

Improve fine motor skills as well as learn about colors, shapes and numbers. Set includes 16 pairs of nuts & bolts and 12 durable plastic activity cards. Card size 21cm x 24cm.

**Set includes** : 32pcs and 12 activity cards

**Size** : bolt is 6cm long

**12**  
activities



## Activity Guide

**Pegs and Peg Board****39470**

Small, 5 bright color pegs. 1000 pegs and 5 white peg boards in a set.

**Set includes :** 1000 pegs and 5 white peg boards

**Size :** peg board is 16 x 16cm


**30**  
activities
**Small Pegs Activity Set****39472**

6 bright colors, 600 pegs, 4 clear peg boards, and 15 x 2-sided activity cards.

**Set includes :** 600 pegs, 4 peg boards and 15 activity cards

**Size :** peg board is 16 x 16cm



## Activity Guide

**FunPlay Attribute Beads****40152**

Children will love exercising their fine motor skills as they learn about size, shape, and color variation. This set provides endless possibilities for learning these important skills, while also laying the foundations for basic math concepts. Encourage children to separate the beads into groups, create specific patterns, sequencing or simply use their imagination to design their own art piece.

**Set includes :** 72 beads, 2 laces, Fun<sup>2</sup> messy tray and 20 activity cards

**Size :** square bead is 2.5 x 2.5 x 2.5cm


**40**  
activities


16  
activities

### Shape Blocks Activity Set 22232

Children will enjoy matching the various shapes to the designs on the activity cards.

**Set includes :** 160 blocks and 8 activity cards

**Size :** square block is 3.5 x 3.5 x 1cm


50  
activities

Activity  
Guide

### FunPlay Round Round Chips 13382

Children can play with these colorful chips and create their own patterns. Chips are great for role play and learning numbers, patterning, ordering, pairing, and counting.

**Set includes :** 144 chips, Fun<sup>2</sup> messy tray and 25 activity cards

**Size :** round chip is 2-3cm dia.

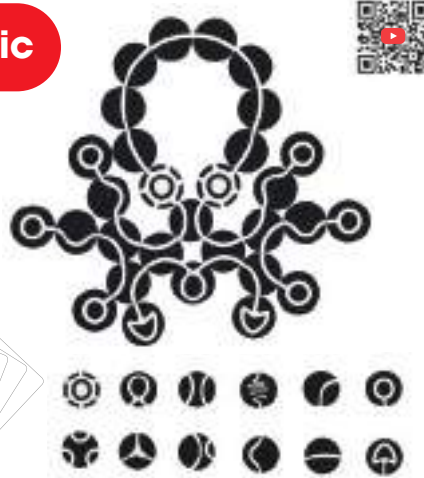
### Abstract Magnetic Puzzles 23090C

An innovative and fun problem-solving and creative thinking puzzle that excites, and helps develop young minds in advancing their matching, sorting and critical thinking skills. An ideal hands-on minds-on activity for ages 6 to 99!

**Set includes :** 150pcs and 25 activity cards in plastic container

**Size :** 3cm dia. and 1.3mm thick

Magnetic

50  
activities


\*12 designs

## Busy Play®

Busy Play® range crafted for on-the-go learning and play, these educational toys come neatly packed in a reusable and environmentally friendly cardboard boxes. Ready for adventure, they inspire discovery and learning, anytime, anywhere.



**18m+** No small parts

### Busy Play® Geo Pegs 39484

Easy-to-hold Geo Pegs for children to develop skills in sorting, counting, patterning and stacking while having fun.

**Set includes :** 9 pegs, 1 peg board and 15 activity cards

**Size :** peg board is 13 x 13cm



**18m+** No small parts

### Busy Play® Nuts & Bolts 50152

Our large sized, easy-to-hold Nuts & Bolts are ideal for introducing children to basic shapes, problem-solving and grouping activities that teach color recognition through play.

**Set includes :** 16pcs and 15 activity cards

**Size :** bolt is 6cm long



### Busy Play® Tangram

**23536**

Children explore and develop important problem-solving skills playing and learning with tangrams.

**Set includes** : 14pcs and 15 activity cards

**Size** : square tangram is 3.5 x 3.5cm



### Busy Play® Pentominoes

**23221**

Great resource for introducing children to important math concepts such as symmetry, area, and perimeter through fun activities.

**Set includes** : 12 pcs and 15 activity cards

**Size** : the longest pentominoe is 12.5 x 2.5 cm



### Busy Play® Color Tiles

**13287**

A fun manipulative for children to learn basic operations, sorting, graphing, perimeter, area, probability and patterning.

**Set includes** : 48 tiles and 15 activity cards

**Size** : 2.5 x 2.5 x 0.5cm



### Busy Play® Round Round Chips

**13383**

Children develop their problem-solving and creative thinking skills following the activity cards. Durable round chips in 2 sizes and 6 colors.

**Set includes** : 84pcs and 15 activity cards and additional activities online

**Size** : 3cm and 2cm dia.



online  
resources



### Busy Play® Number Rods 19286

Number Rods are a great tool for children to play and learn number relationships, number comparison, part-part-whole along with developing many other important early math concepts.

**Set includes :** 37pcs and 15 activity cards

**Size :** the longest rod is 10 x 1 x 1cm



### Busy Play® GeoStix® 21367

GeoStix® help children to develop their fine motor skills, creative thinking and general problem-solving by completing the activity cards.

**Set includes :** 45pcs and 15 activity cards

**Size :** the longest stick is 15cm



### Busy Play® Skeletal 21377

This Skeletal set encourages children to build and explore 2D and 3D structures while being introduced to basic geometric shapes with fun and exciting activity cards.

**Set includes :** 54 sticks, 16 balls and 15 activity cards

**Size :** the longest stick is 13cm



### Busy Play® Pattern Blocks 22021

Pattern Blocks help children understand basic geometry, symmetry, angles, fractions, perimeter and area through play activities.

**Set includes :** 60pcs and 15 activity cards

**Size :** square pattern blocks is 2.5 x 2.5 x 0.5cm

# Rainbow Pebbles®

## Learn Skills:

- fine motor
- counting
- sequencing
- stacking
- balancing
- creative design



# Rainbow Pebbles®

Rainbow Pebbles®, a versatile early math and STEAM educational resource. These uniquely designed counters, resembling pebbles, provide a tactile and sensory-rich experience. Beyond construction, they serve as exceptional manipulatives, enhancing STEAM learning with engaging, enjoyable activities.



## Rainbow Pebbles®

6 shapes for age **3+**



original size



mini size

## Junior Rainbow Pebbles®

3 shapes for age **18m+**  
no small parts



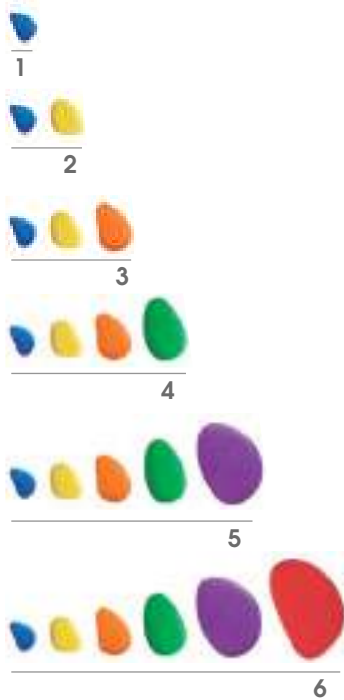
manipulatives - rainbow pebbles

Ages	Product	Code	Shapes	Colors	Pebbles Quantity	Cards	Accessories	Page
18m+		13209	3 shapes 	6 bright colors 	36pcs	16 activities		p70
		13227J					p70	
		13228J		6 translucent colors 			activity guide	p71
		13229J		6 earth colors 				p70
		15200		6 colors 		16 activities		p71
3+		13206	4 shapes 	6 bright colors 	48pcs	24 activities		p67
		13208C	6 shapes 		36pcs	40 activities		p67
		13226C			252pcs	94 activities	3 x spinners activity book	p66
		13272	6 shapes in 2 sizes 	6 earth colors 	36pcs	50 activities		p66
		13222C		6 colors 	72pcs	30 activities	online resources	p69
		13256C	9 shapes 	6 colors 	39pcs	60 activities		p68
		13257J	7 shapes 	5 colors 	35pcs		activity guide	p68

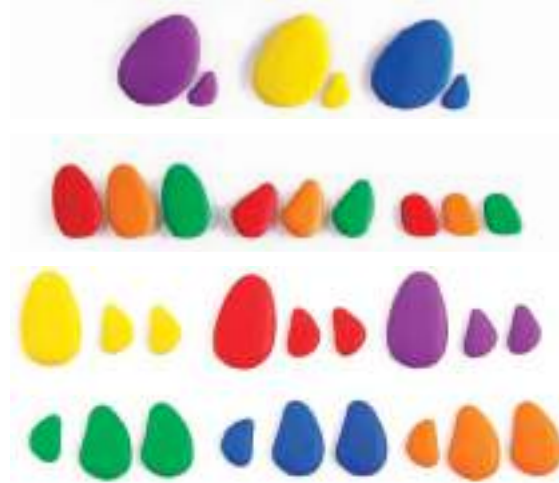
# Rainbow Pebbles®

Rainbows Pebbles® were invented/created/developed by Edx's resident creative genius, Ms Pony Wong, in 2014 as a math manipulative for early years STEAM learning.

## Develop counting skills



## Develop patterning, sequencing and sorting skills



## Develop fine motor skills



## Develop creative design skills



# Rainbow Pebbles®



## Set includes :

- 252 pebbles
- 3 spinners
- 1 book
- 47 activity cards

## Rainbow Pebbles® Classroom Set

**13226C**

Rainbow Pebbles® Classroom Set is a construction and early mathematics manipulative, and is ideal for developing fine motor skills, and for counting, sorting and creative design activities.

**Set includes :** 252 pebbles, 47 activity cards, 3 spinners and 1 book in plastic container

**Size :** the largest pebble is 8.5 x 5.8cm



## FunPlay Rainbow Pebbles®

**13272**

These beautiful Rainbow Pebbles® in earth colors can be harmoniously played with other natural materials. Children love to touch and feel these pebbles and create their own patterns and designs, their imagination is unlimited. Many learning opportunities for children - copying patterns, repeating patterns, and learning number concepts.

**Set includes :** 36 pebbles, Fun<sup>2</sup> messy tray and 25 activity cards

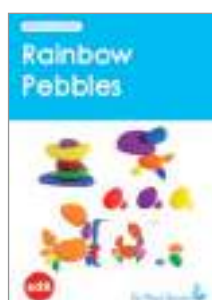
**Size :** the largest pebble is 8.5 x 5.8cm



## Set includes :

- 36 pebbles
- 6 sizes
- 6 colors
- 25 activity cards

**50**  
activities



## Rainbow Pebbles® (book)

**28028**

Rainbow Pebbles® are a tactile manipulative that may support the development of STEAM( Science, Technology, Engineering, Art and Mathematics ). This book has been designed to help teachers gain the most from this resource. The links between the various activities and STEAM ideas are highlighted.



### Rainbow Pebbles® 13208C

Children will have much fun with this construction and early mathematics manipulative. Ideal for developing fine motor skills, and for counting, sorting and creative design. Set includes 36 pebbles in 6 sizes and 6 colors, and 20 x double-sided activity cards.

**Set includes :** 36 pebbles and 20 activity cards in plastic container

**Size :** the largest pebble is 8.5 x 5.8cm



#### Set includes :

- 36 pebbles
- 6 sizes
- 6 colors
- 20 activity cards



#### Set includes :

- 48 pebbles
- 4 sizes
- 6 colors
- 12 activity cards

**24**  
activities

### Rainbow Pebbles® Activity Set 13206

Children can match the right shape and size pebbles to designs on activity cards or create designs of their own. Developing skills in sorting, matching and sequencing by shape and color. Ideal early mathematics and construction manipulative.

**Set includes :** 48 pebbles and 12 activity cards

**Size :** the largest pebble is 5.5 x 3cm

# Rainbow Pebbles®



## Set includes :

- 39 pebbles
- 9 shapes
- 6 colors
- 30 activity cards



## Neon Rainbow Pebbles® Activity Set

**13256C**

Neon colored addition to the Edx Education Rainbow Pebbles® range includes 9 different shapes in 6 colors. Packaged in a convenient reusable and sturdy container. The Rainbow Pebbles® are an open-ended educational toy that help children develop sorting, matching, sequencing, problem-solving, stacking, construction and creative thinking skills.

**Set includes :** 39 pebbles and 30 activity cards in plastic container

**Size :** the largest pebble is 8.5 x 5.8cm



## Set includes :

- 35 pebbles
- 7 shapes
- 5 colors
- activity guide

Activity  
Guide

## Neon Rainbow Pebbles®

**13257J**

Neon Rainbow Pebbles® in a mini jar. This set includes 7 different shapes in 5 colors. Packaged in a convenient jar with a handle that pulls out from the lid.

**Set includes :** 35 pebbles and activity guide in jar

**Size :** the longest pebble is 7.5 x 2.5cm



online resources



**Set includes :**

- 72 pebbles
- 6 shapes in 2 sizes
- 6 colors
- 15 activity cards

**30**  
activities

### Rainbow Pebbles® Family - Art Colors

**13222C**

The Rainbow Pebbles® Family includes the original set of pebbles and a set of the smaller sized Rainbow Pebbles®. The smaller sized pebbles are the same shape as the original Rainbow Pebbles® but each shape is a little smaller than the original set to make the Rainbow Pebbles® Family.

**Set includes :** 72 pebbles, 15 activity cards in plastic container and additional activities online

**Size :** the largest pebble is 8.5 x 5.8cm



online resources



Activity Guide

\* bottle not included

### Rainbow Pebbles® Balance

**13860**

Become the Rainbow Pebbles® Balance Master! The goal of the game is for children to carefully pick Rainbow Pebbles® off the 'balance plate' (without making it fall) that correlate to the child's bingo game. A fun game with 4 different variations of bingo game-play that encourages children to strategize while learning early math skills.

**Set includes :** 24 pebbles, balance plate, cap, double-sided activity mat, 1 spinner, activity guide and additional activities online

**Size :** balance plate is 35cm dia.

# Junior Rainbow Pebbles®

## Set includes :

- 36 pebbles
- 3 shapes
- 6 colors
- 8 activity cards



**16**  
activities

**18m+** No small parts

## Junior Rainbow Pebbles®

**13209**

Early construction and manipulative set, ideal for developing fine motor skills. 3 shapes, 6 bright colors.

**Set includes :** 36 pebbles and 8 activity cards

**Size :** the longest pebble is 7.5 x 2.5cm



**18m+** No small parts

Activity Guide

## Junior Rainbow Pebbles®

**13227J**

6 bright colors, 3 shapes, 36 pebbles, in a mini jar. Activity guide included.

**Set includes :** 36 pebbles in jar

**Size :** the longest pebble is 7.5 x 2.5cm



**18m+** No small parts

Activity Guide

## Junior Rainbow Pebbles®

**13229J**

6 earth colors, 3 shapes, 36 pebbles, in a mini jar. Activity guide included.

**Set includes :** 36 pebbles in jar

**Size :** the longest pebble is 7.5 x 2.5cm

# Junior Rainbow Pebbles®

## Set includes :

- 36 pebbles
- 3 shapes
- 6 colors
- activity guide



18m+ No small parts Activity Guide

## Translucent Junior Rainbow Pebbles® 13228J

A brilliant learning tool for toddlers. Children are fascinated by these smooth, translucent and odd-shaped pebbles. Build essential skills - learn to sort, make patterns, identify colors and create pictures, perfect for open-ended play. Includes activity guide for learning ideas. Early construction and manipulative set, ideal for developing fine motor skills. No small parts, 3 shapes, 6 translucent colors.

**Set includes :** 36 pebbles in jar

**Size :** the longest pebble is 7.5 x 2.5cm



## Set includes :

- 36 pebbles
- 3 shapes
- 6 colors
- 8 activity cards



18m+ No small parts

**Green-n-Learn®**

## Junior Rainbow Pebbles® 15200

The Junior Rainbow Pebbles® are made from the natural FPC material, with each pebble having its own unique natural grain. Activity cards are designed in natural color tones to match the pebbles. 3 shapes in 6 colors.

**Set includes :** 36 pebbles and 8 activity cards

**Size :** the longest pebble is 7.5 x 2.5cm



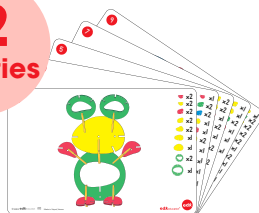
# Interlocking Rainbow Pebbles®



online  
resources



12  
activities



Activity  
Guide

## Interlocking Rainbow Pebbles® - Combo Set

50126C

Interlocking Rainbow Pebbles® - Combo Set helps children to explore their creative thinking and problem-solving skills by following the activity cards to build birds, cars and so much more. Set includes 96 pieces in 4 colors, 12 different shapes, activity guide and 12 double-sided activity cards.

**Set includes :** 96pcs, 12 activity cards in plastic container and additional activities online

**Size :** large piece is 11cm dia.



Parts													
Quantity	x4	x4	x4	x4	x8	x8	x8	x8	x12	x12	x12	x12	x12



Activity  
Guide

## Interlocking Rainbow Pebbles®

50125J

Interlocking Rainbow Pebbles® consists of 6 different shapes that all connect together. Create dinosaurs, birds, cars, planes and so much more. 6 shapes in 6 colors.

**Set includes :** 72pcs, activity guide in jar and additional activities online

**Size :** large piece is 8.8 x 5.6cm



online  
resources

Parts							
Quantity	x6	x6	x12	x12	x18	x18	x1

18m+ No small parts



## Interlocking Geo Shapes

### 50132C

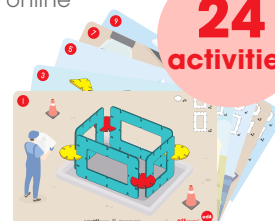
Interlocking Geo Shapes helps children strengthen their fine motor skills while introducing young minds to geometric shapes and helping early learners to explore their creativity and problem-solving skills by following the activity cards or creating their own designs.

80 pieces in 10 shapes and 3 colors.

**Set includes :** 80pcs, 12 activity cards in plastic container and additional activities online

**Size :** rectangle piece is 10.5 x 7 cm

**24**  
activities



online  
resources

Parts						
Quantity	x4	x4	x4	x4	x4	x12

Parts										
Quantity	x6	x6	x6	x6	x6	x6	x6	x6	x6	x6

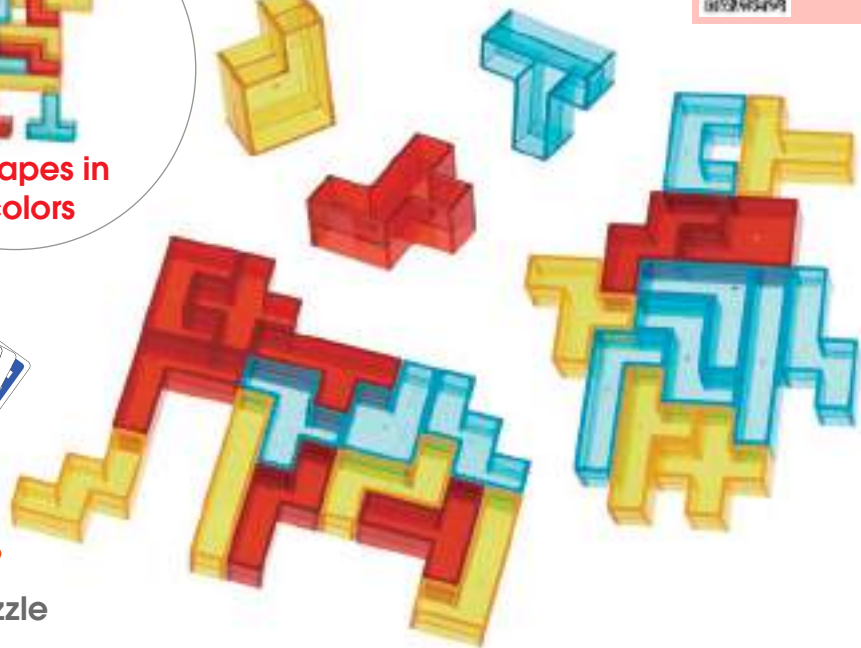


12 shapes in  
3 colors

24  
activities



online  
resources



18m+ No small parts

### 3D Pentominoes Puzzle 23252C

3D Pentominoes Puzzle! Comes with 12 double-sided activity cards that include fun and interesting construction and balance activities. 3D Pentominoes Puzzle helps children improve their problem-solving skills while enhancing their imagination and fine motor skills through play. Ideal for classroom and home learning. 36 blocks in 12 shapes and 3 colors.

**Set includes :** 36 blocks, 12 activity cards in plastic container and additional activities online

**Size :** the longest blocks is 7.5 x 1.5 x 2cm



online  
resources

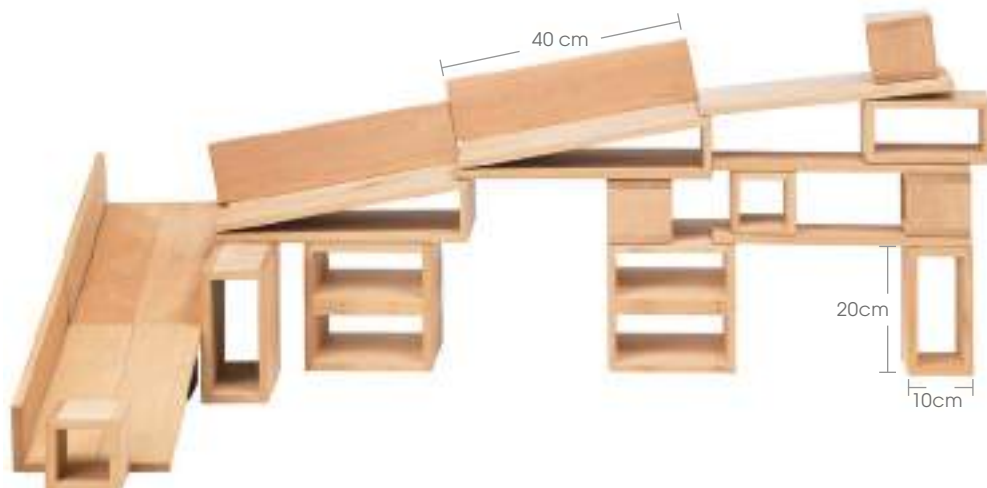


### 3D Stacking Puzzles 39013

Introduce children to the 3D world of geometric shapes. These building blocks stack and nest into infinite 3D designs. Follow the activity guide puzzles or use as an open-ended educational tool for children to develop their creativity, problem-solving, geometry and spatial thinking skills.

**Set includes :** 23 puzzles, 1 baseboard, activity guide and additional activities online



**Size :** baseboard is 27.5 x 27.5cm



## Hollow Blocks 50310

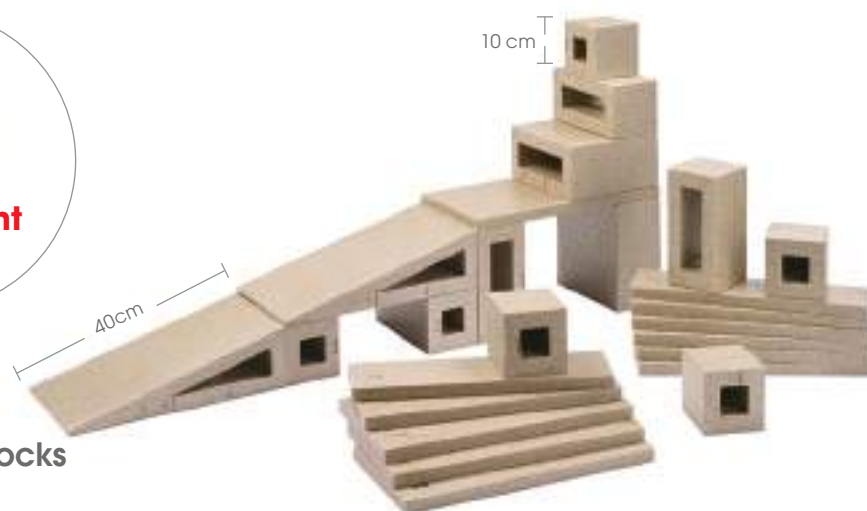
Our large wooden hollow blocks are an ideal construction set for young children. Suitable for open-ended role play in both indoor and outdoor activities. Made of high quality beech hardwood, with a smooth sanded finish. Set of 28 wooden blocks, with 6 different shapes. Blocks have a 10cm or 20cm base, with the largest block being 40cm.

**Set includes :** 28 blocks

Shape						
Quantity	x 4	x 8	x 4	x 2	x 2	x 8
Dimensions (cm)	10 x 10 x 10	10 x 10 x 20	10 x 20 x 20	10 x 20 x 40	20 x 2 x 40	10 x 2 x 40



**light weight  
blocks**





**18m+**

## Toddler Hollow Blocks 50340

The light weight Toddler Hollow Blocks make construction play easier and more fun for children. Ideal for open-ended role play in both indoor and outdoor activities. These Hollow Blocks are made from light weight EPP (Expanded Polypropylene) material. This set of 28 Hollow Blocks comes in 6 different shapes sized from 10cm to the largest being 40cm.

**Set includes :** 28 blocks

Shape						
Quantity	x 8	x 4	x 2	x 2	x 4	x 8
Dimensions (cm)	10 x 10 x 10	10 x 10 x 20	10 x 20 x 20	10 x 20 x 40	20 x 2 x 40	10 x 2 x 40

# ***Cubes***

- Improve fine motor skills
- Learn sorting, patterning and number concept
- Develop creative thinking skills



## Linking Cubes

**12010** 100 cubes

**12011** 500 cubes

**12012** 1000 cubes

Linking Cube set is a multipurpose tool for all levels of learning and abilities that can be used effectively at home or in the classroom. Designed to be virtually unbreakable, these blocks will easily meet the rigours of all classroom and home activities. 2cm cubes in 10 colors. The creative possibilities are endless with these cubes.

**Size :** 2cm cubes



**Green-n-Learn®**  
Linking Cubes

**12034**

**Set includes :** 100 cubes

**Size :** 2cm cubes



**14**  
activities

**55**  
activities

Construction Activity Cards

Mathematics Activity Cards

## Linking Cubes Classroom Set

**12134C**

The Linking Cubes can be used for multiple maths learning activities that help students develop their skills in construction, counting, sorting, subitising, classifying, addition, subtraction, place value, measuring & patterning. Children also explore geometry and basic geometric reasoning. The creative construction possibilities are endless with these cubes. Set includes 500 blocks in 10 bright colors, comprising 400 x cubes, 50 x triangles, 50 x quadrants, 4 baseboards and 42 x 2-sided activity cards in sturdy storage container. Cube measures 2cm.

**Set includes :** 500pcs, 4 baseboards and 42 activity cards in plastic container

**Size :** 2cm cubes

## Activity Guide

## Construction Linking Cubes

12137J

Children are only limited by their imagination in using this construction set. The cubes can also be used for learning basic number concepts, comparing, measurement, sequencing, patterning, and counting. Set includes 32 x 2cm cubes, 16 x quadrants, 12 x triangles and 20 x rods.

**Set includes :** 80pcs in jar

**Size :** 2cm cubes



## Theme Park Construction Set

12126

Set includes 215 x linking cubes in 8 colors, 3 x open cubes, 41 x triangles in 5 colors, 51 x quadrants in 5 colors, 40 x rods in 2 colors and 14 x 2-sided activity cards.

**Set includes :** 350pcs and 14 activity cards

**Size :** 2cm cubes

14  
activities



50  
activities

## Activity Guide

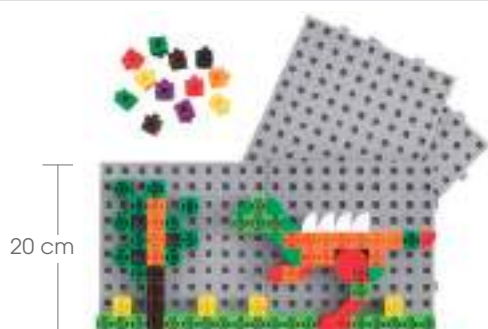
## FunPlay Construction Cubes

12138

Set includes 40 x 2cm cubes, 16 x quadrants, 12 x triangles, 20 x rods, 25 x 2-sided activity cards and a Fun<sup>2</sup> Messy Tray.

**Set includes :** 88pcs, Fun<sup>2</sup> messy tray and 25 activity cards

**Size :** 2cm cubes



\* Cubes not included.

## Baseboard for Linking Cubes

12056

Grey baseboard only, set of 4.

**Set includes :** 4 baseboards

**Size :** 20 x 20cm



### Translucent Linking Cubes

**12024**

Translucent 2cm linking cubes, 100 cubes in 10 colors. A multifunctional manipulative that can be used for all levels of learning. An ideal hands-on tool for learning geometry, patterning, numbers, addition, subtraction, measurement and so much more.

**Set includes :** 100 cubes

**Size :** 2cm cubes



### Animal Construction Set

**12142**

Set includes 50 x bricks (2 x 2 x 4cm) in 5 colors, 50 x linking cubes (2 x 2 x 2cm) in 5 colors, 24 x quadrants, 24 x triangles, 20 x rods, 2 x open cubes and 14 x 2-sided activity cards.

**Set includes :** 170pcs and 14 activity cards

**Size :** brick is 2 x 2 x 4cm

Activity  
Guide

## Math Cubes 12710



2cm

2cm Math Cubes are a multifunctional manipulative that can be used for all levels of learning. An ideal hands-on tool for learning geometry, patterning, numbers, addition, subtraction, measurement and so much more.

**Set includes :** 100 cubes

**Size :** 2cm cubes



## Math Cubes Construction Set 12711

Math Cubes Construction Set is a multifunctional open-ended educational toy that can be used for all levels of learning through play. Comes with an activity booklet with 26 exciting models for children to build and develop their problem-solving and creative design skills through their own creations. Set includes 180 x 2cm cubes in 10 colors, 6 x equilateral triangles, 6 x right triangles, 8 x quadrants and an activity booklet.

**Set includes :** 200pcs and 1 activity booklet

**Size :** 2cm cubes


**26**  
activities

**100**  
activities


## Math Cubes Classroom Set 12714C

Math Cubes Classroom Set is a multifunctional open-ended educational toy that can be used for all levels of learning through play. An ideal hands-on tool for learning geometry, patterning, numbers, addition, subtraction, measurement and so much more. Set includes 400 x 2cm cubes in 4 colors, 30 x equilateral triangles, 30 x right triangles, 40 x quadrants and 50 x 2-sided activity cards.

**Set includes :** 500pcs and 50 activity cards in plastic container

**Size :** 2cm cubes



online  
resources

## Marble Run Builder Classroom Set

**12191**

Follow the activity guide or create your own circuit for the marbles to bump and slide to the bottom. Made from high quality and sturdy tight fitting pieces!

Students play, learn and create endless

build possibilities experimenting and exploring with the Marble Run Builder. This set is compatible with all 2cm Linking Cubes and My Gears® connecting pieces. This set includes linking cubes, Edx bricks, My Gears® connecting pieces, slides, stairs and marbles.

**Set includes :** 240pcs, activity booklet and additional activities online

**Size :** the longest slide is 12cm



online  
resources

## Marble Run Builder

**12192**

Follow the activity guide or create your own circuit for the marbles to bump and slide to the bottom. Made from high quality and sturdy tight fitting pieces!

Students play, learn and create endless

build possibilities experimenting and exploring with the Marble Run Builder.

This set is compatible with all 2cm Linking Cubes and My Gears® connecting pieces. This set includes linking cubes, Edx bricks, My Gears® connecting pieces, slides, stairs and marbles.

**Set includes :** 102pcs, activity booklet and additional activities online

**Size :** the longest slide is 12cm





### Bricks Construction Set 12136C

Bricks construction set using the Edx brick which is compatible with all Edx linking cubes. Children are only limited by their imagination in building bridges, animals, houses, robots, wind turbines. Set includes 300 x bricks (2cm x 2cm x 4cm) in 5 colors, 60 x linking cubes in 2 colors, 10 x open cubes, 50 x quadrants in 5 colors, 50 x triangles in 5 colors, 80 rods in 2 colors and 28 2-sided activity cards in sturdy storage container.

**Set includes** : 550pcs and 28 activity cards in plastic container

**Size** : brick is 2 x 2 x 4cm



**28**  
activities



Edx brick



**44**  
activities

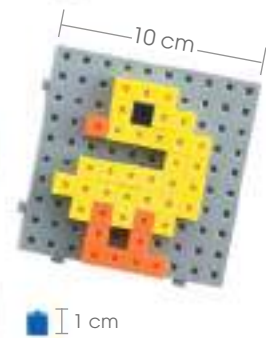
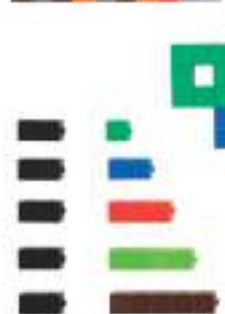


### Interlocking Cubes Activity Set 12217

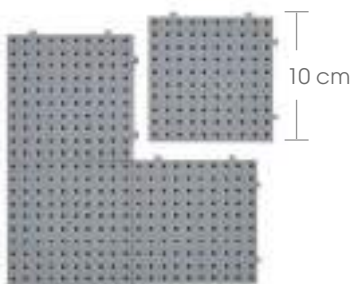
1cm interlocking cubes. Comes with 25 x double-sided activity cards, 2 grey baseboards and 240 cubes in 8 colors.

**Set includes** : 240 cubes, 2 baseboard and 25 activity cards

**Size** : 1cm cubes



1 cm

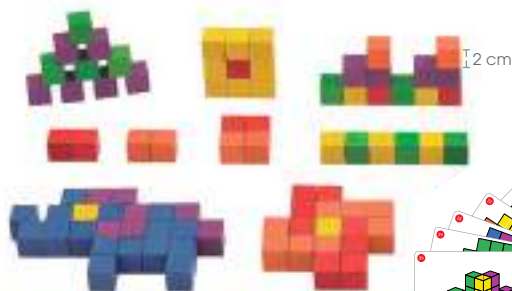


### Interlocking Baseboard 12513

Designed for 1cm interlocking cubes.

**Set includes** : 4pcs

**Size** : 10 x 10cm



2 cm

**50**  
activities

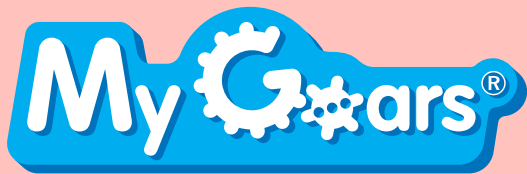
### Wooden Counting Cubes 13548

2cm wooden counting cubes in 6 colors including 25 x double-sided activity cards to explore basic math concepts.

**Set includes** : 102 cubes and 25 activity cards.

**Size** : 2cm cubes





**\*compatible with edx 2cm linking cubes  
and 4cm bricks**

### **Learn Skills:**

- **creative thinking**
- **problem-solving**
- **early engineering**
- **fine motor skills**
- **curiosity**





**13**  
activities

Age **4+**



**MyGears Junior Set**

**12160**

Junior Gears! Open-ended educational toy for our junior engineers to push, pull and turn while developing their creative thinking and problem-solving skills! Comes with an easy-to-follow instruction booklet that includes 13 fun and exciting models for children to create.

**Set includes :** 117pcs and 1 activity booklet

**Size :** large gear is 9cm dia.

Parts														
Quantity	x4	x6	x6	x8	x8	x8	x4	x4	x4	x4	x4	x8	x12	x2 / x2

Parts									
Quantity	x6 / x6	x4	x4	x2	x2	x4	x4	x1	x1

**1+2**  
activities

Age 4<sup>+</sup>



**My Gears® Robot Set**

**12170**

My Gears® Robot Set with 3 models! Build Robot models with working gears! Comes with an activity booklet for one models instruction and a QR code is provided to download the other two robot models. Each My Gears® model is durable for active children's play. Compatible with EDX Bricks and EDX 2cm Linking Cubes! Open-ended educational toy for our junior engineers to push, pull and turn while developing their creating thinking and problem-solving skills.

**Set includes :** 56pcs, 1 activity booklet and additional activities online

**Size :** large gear is 9cm dia.



online  
resources

Parts										
Quantity	x2	x2	x12	x4	x2	x4	x6	x6	x3	x3
Parts										
Quantity	x1	x1	x2	x2	x2	x2	x2	x2	x2	x1



**10**  
activities

Age **4+**



### MyGears Starter Set

**12161**

**Starter Gears!** Our junior engineers learn to understand the basic principles of Gears while building the 10 fun models included in the 24 pages easy-to-follow instruction booklet. Multiple construction possibilities for children to develop their problem-solving and creative thinking skills through play.

**Set includes :** 47pcs and 1 activity booklet

**Size :** large gear is 9cm dia.

Parts						
Quantity	x4	x10	x2	x8	x6	x2

Parts						
Quantity	x4	x2	x4	x4	x1	x1

**8+7**  
activities

Age 5<sup>+</sup>



### Classroom Set

**12166C**

The My Gears® Classroom Set helps students learn the basic principles of gears and movement through play. With endless construction possibilities, this set is designed for classroom group activities and individual play. Compatible with the Edx Bricks and 2cm Linking Cubes. This set includes an activity booklet with 8 models and a further 7 models can be downloaded from the QR code within the activity booklet.

**Set includes :** 326pcs, 1 activity booklet in plastic container and additional activities online

**Size :** large gear is 9cm dia.



online  
resources

Parts																
Quantity	x12	x30	x30	x4	x4	x4	x8	x8	x8	x8	x8	x8	x18	x18	x24	x50

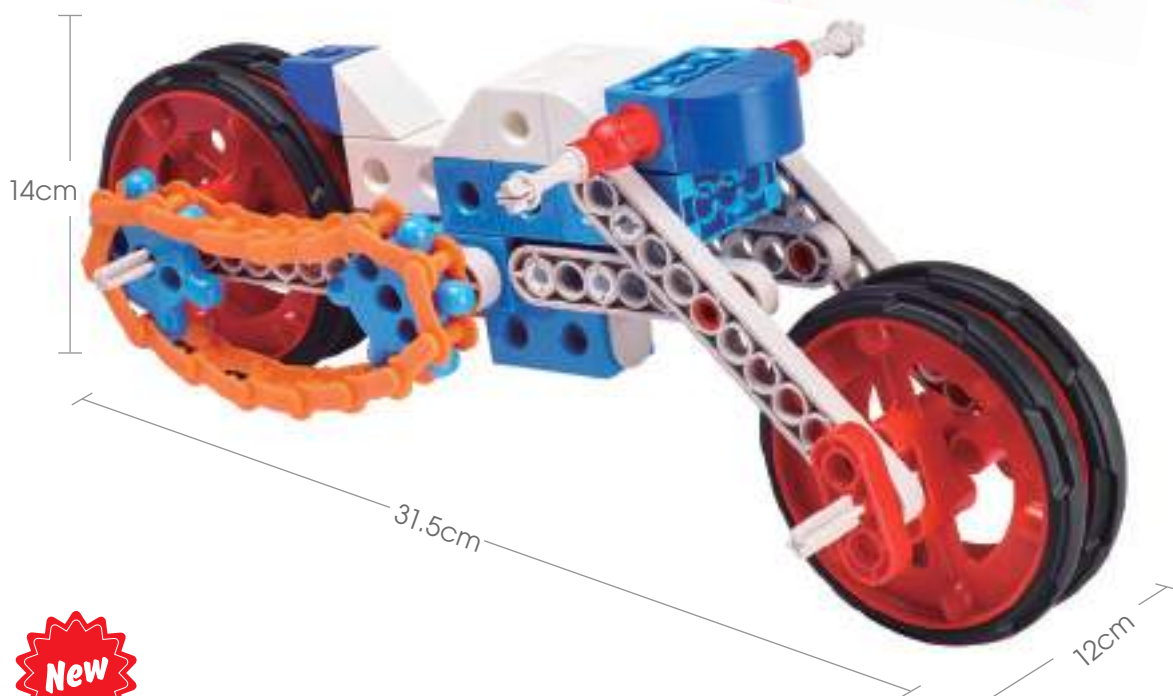
  

Parts											
Quantity	x4/x4/x4	x4/x4/x4	x4/x12	x8	x8	x4	x4	x8	x8	x4	x1



1+2  
activities

Age 5<sup>+</sup>



## My Gears Motorbike Set

12168

My Gears® Motorbike Set with 3 models. Build motorbike models with working gears and chain! Comes with an activity booklet for one models instruction and a QR code is provided to download the other two motorbike models. Each My Gears® model is durable for active children's play. Compatible with EDX Bricks and EDX 2cm Linking Cubes! My Gears® are an open-ended educational toy for young minds to explore their creativity while developing key problem-solving skills.

**Set includes :** 97pcs, 1 activity booklet and additional activities online

**Size :** gear is 5cm dia.



online  
resources

Parts														
Quantity	x4	x9	x2	x3	x3	x2	x2	x2	x2	x2	x10	x2	x30	x2

Parts								
Quantity	x2	x2	x2	x4	x4	x4	x4	x1

1+2  
activities

Age 5<sup>+</sup>



## My Gears® Bicycle Set

12169



online  
resources

My Gears® Bicycle Set with 3 models! Build Bicycle models with working gears and chain! Comes with an activity booklet for one models instruction and a QR code is provided to download the other two bicycle models. Each My Gears® model is durable for active children's play. Compatible with EDX Bricks and EDX 2cm Linking Cubes! My Gears® provides multiple construction possibilities for children to develop their problem-solving and creative thinking skills through play.

**Set includes :** 112pcs, 1 activity booklet and additional activities online

**Size :** large gear is 9cm dia.

Parts														
Quantity	x6	x7	x5	x2	x1	x4	x3	x10	x8	x2	x9	x2	x19	x2

Parts														
Quantity	x3	x8	x1/x1/x2	x3/x4	x1	x1	x4	x4	x1					

Age 5+



online resources



Activity Guide












## MyGears® Transport Starter Set








12167J

My Gears® packed in a Mini Jar for easy storage and transport. Scan the QR code for further construction activities.

**Set includes :** 60pcs and activity guide in jar and additional activities online

**Size :** gear is 5cm dia.

Parts											
Quantity	x8	x8	x2	x2	x2	x2	x2	x2	x4	x6	x4

Parts							
Quantity	x2	x2	x2	x4	x4	x4	x1

8  
activities

Age 6<sup>+</sup>



### MyGears Animal Set

12163

Animals with moving legs, arms and tails! Multiple construction ideas for children's imaginations to run wild! Open-ended educational toy for young minds to explore their creativity while developing key problem-solving and critical thinking skills. The easy-to-follow instruction booklet includes 8 different fun and interesting animals to build.

**Set includes :** 122pcs and 1 activity booklet

**Size :** large gear is 9cm dia.

Parts															
Quantity	x4	x4	x10	x10	x8	x4	x4	x4	x8	x2	x2	x10	x10	x8	x2

Parts															
Quantity	x2 / x2 / x2	x4	x6	x2	x4	x2	x4	x2	x4	x4	x4	x1			



8  
activities

Age 6<sup>+</sup>

















MyGears Transport Set

12162









Wheels turn and gears move. Create moving cars, bikes, a tractor and so much more with the Transport Gears. Children have fun learning the basic principles of Gears while building the 8 exciting models included in the 24 pages easy-to-follow instruction booklet. Multiple construction possibilities for children to develop their problem-solving and creative thinking skills through play.

**Set includes :** 118pcs and 1 activity booklet

**Size :** large gear is 9cm dia.

Parts														
Quantity	x4	x10	x10	x8	x4	x4	x6	x6	x8	x2	x2	x10	x10	x6

Parts								
Quantity	x2 / x2 / x2	x2	x6	x2	x4	x4	x4	x1

8  
activities

Age 6<sup>+</sup>



## MyGears Machine Set

12164

Machine gears with a chain! Children have fun learning the basic principles of movement and force. Create and explore by linking several Gears together with the chain to create unique and amazing machines that inspire young minds!

**Set includes :** 181pcs and 1 activity booklet

**Size :** large gear is 9cm dia.

Parts																
Quantity	x4	x10	x8	x8	x4	x4	x4	x4	x4	x8	x4	x4	x10	x10	x8	x50

Parts													
Quantity	x2	x2	x2	x4	x4	x6	x4	x4	x4	x4	x4	x1	x1



Junior GeoStix®

21365C

Improve fine motor skills and develop creative thinking skills with this construction set. 8 different length flexible sticks, quadrants and semi-circles that snap together. The set includes 200 flexible sticks, and 30 x 2-sided activity cards. An ideal hands-on manipulative for children from 3 to 99! Sizes range from 2.5cm to 15cm. Teacher's note included.

**Set includes** : 200 sticks and 30 activity cards and teacher's note in plastic container

**Size** : the longest stick is 15cm



58 activities

Parts											
Quantity	x60	x25	x25	x15	x15	x10	x15	x15	x14	x6	x30



38 activities



Junior GeoStix®

21364C

Improve fine motor skills and develop creative thinking skills with this construction set. 8 different length flexible sticks that snap together. The set includes 200 flexible sticks and 20 x 2-sided activity cards. An ideal hands-on manipulative for children from 3 to 99! Sizes range from 2.5cm to 15cm. Teacher's note included.

**Set includes** : 200 sticks, 20 activity cards and teacher's note in plastic container.

**Size** : the longest stick is 15cm.



Parts									
Quantity	x60	x30	x30	x20	x20	x10	x15	x15	x20



**Activity Guide**




**GeoStix® Letter Construction Set 21368C**


Helps children to learn capital letters, lower case letters and write words. Improve fine motor skills and develop creative thinking skills while playing with this letter construction set. 10 different shapes and lengths of flexible sticks that snap together. The set includes 200 flexible sticks and 25 x 2-sided activity cards. An ideal hands-on manipulative for children from 3 to 99!

**Set includes** : 200pcs and 25 activity cards in plastic container

**Size** : the longest stick is 10cm

**50 activities**

Parts											
Quantity	x25	x35	x20	x10	x40	x10	x10	x30	x10	x10	x25














**GeoStix® Learning Words 21369**

Learn basic words and know the alphabet with the GeoStix® Learning Words Set. GeoStix® are an amazing multifunctional and versatile educational tool that is used in both classroom and home learning environments. This product helps children and seniors improve their fine motor skills while developing key problem-solving and creative thinking skills while having fun.

**Set includes** : 200pcs , 1 spelling board and 23 activity cards

**Size** : the longest stick is 10cm

**46 activities**

Parts											
Quantity	x 18	x 38	x 30	x 6	x 14	x 6	x 8	x 56	x 24	x 1	x23



8  
activities



### 3D GeoStix® Construction Set 21380C

Our 3D GeoStix® Construction Set is an ideal educational tool for introducing children to the world of 3D. Infinite construction concepts can be created with this set that help children to learn and develop important skills in problem-solving, creativity, spatial thinking and their fine motor skills by clicking the pieces together.

**Set includes :** 158pcs and activity booklet in plastic container

**Size :** the longest stick is 15cm

Parts															
Quantity	x 16	x 16	x 4	x 12	x 4	x 8	x 8	x 8	x 10	x 8	x 4	x 8	x 4	x 48	x 1



### Skeletal Starter Geo Set 21372C

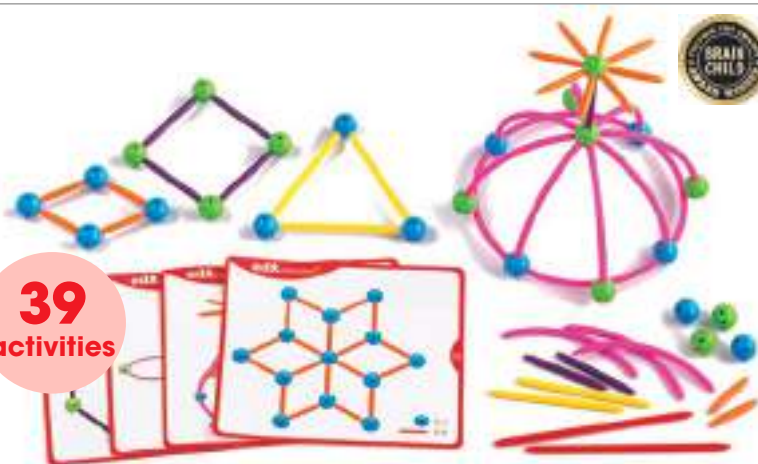
Construction set that improves children's fine motor skills, as well as develop their creative and problem-solving skills. Build two and three dimensional structures. Introduces children to basic geometric shapes. Set includes

80 x sticks in 4 sizes and 4 colors, 40 x connecting balls in two colors, 24 x quarter circles, and 20 x 2-sided activity cards, in sturdy container.

**Set includes :** 80 sticks, 24 quarter circles, 40 balls and 20 activity cards in plastic container

**Size :** the longest stick is 13cm

39  
activities

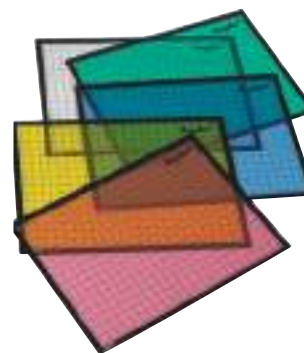


Shape								
Quantity	x32	x24	x12	x12	x24	x20	x20	x20

# ***Art & Craft***

- Develop creativity and aesthetic sense
- Explore shapes and develop geometric concepts
- Promote language skills
- Explore patterns





### Messy Mats™

**77630** 50cm x 36cm with printing, 5 colors.

**77640** 65cm x 47cm with printing, 5 colors.

Messy Mats™ are ideal for not just any messy job you may have in the classroom, but also for measuring the area of regular or irregular objects. May be used as a base for all kinds of messy craft activities. Made from polypropylene, Messy Mats™ are waterproof and resistant to PVA glue and stains. They are translucent, washable, flexible and can be used with an overhead projector. Marked in 2cm squares.

**Set includes :** 5pcs

### Small Pegs

**89426**

Our small pegs are brightly colored and have many applications. Improve children's fine motor skills by clipping the pegs together to make patterns or to build structures. Pegs may also be used to attach artwork to a line or other suitable surface. 5 colors.

**Set includes :** 30 pegs

**Size :** 6cm long



### Paint Pots

**77670**

This uniquely designed paint pot will prevent spills & keep paint stored safely away. A special brush holder on the lid makes this paint pot ideal for artists of all ages. Pulls apart for easy cleaning. 10 colors.

**Set includes :** 10 paint pots

**Size :** 7cm dia. and 7cm high





### GeoStamper Activity Set 76001

This set contains 16 wooden handle stampers in 8 shapes and 2 sizes with hollow and solid designs, 8 colorful inkpads plus one activity book. Book has hints and spaces to fill, all for the young artist to create and make their own stories.

**Set includes :** 16 stampers, 8 inkpads, and 1 activity book

**Size :** large square stamper is 4 x 4 x 5cm



\*8 shapes in 2 sizes



### Wooden Dough Stampers

**75210**

Robust wooden stampers with 4 different patterns. For use with modelling dough or making cookies.

**Set includes :** 4 stampers

**Size :** 5.5cm dia. and 11cm high



### Plain Rolling Pin Set

**75020**

A set of 6 plain rolling pins with turning handles, made of high quality wood, ideal for young children to rolling out dough.

**Set includes :** 6 rolling pins

**Size :** 18cm long with red handles



### Textured Rolling Pin Set

**75022**

6 textured rolling pins with turning handles, made of high quality wood, different textures to create patterns in clay.

**Set includes :** 6 rolling pins

**Size :** 18cm long with red handles



### Cookie Cutter & Rolling Pin Kit

**75050**

4 colors, 16 cookie cutters and 1 roller. Play dough not included.

**Set includes :** 16 cutters and 1 roller

**Size :** roller pin is 18cm long



12m+ Activity Guide Sensory Tray

### Fun<sup>2</sup> Play Tray 66115

Includes : 1 tray

Size : 50 x 50 x 3.5cm



### Giant Clips 89423

Pegs may be used to attach artwork to a line or other suitable surface. 4 colors.

Set includes : 20 clips

Size : 10.5cm long



12m+ Sensory Tray

### Fun<sup>2</sup> Messy Tray 77035

Set includes : 4 trays

Size : 25 x 25 x 2.5cm

18m+ Sensory Tray

### Multipurpose Trays 77040

Super tough art trays keep things neat and organized. These durable trays are suitable for carrying glue, paint or collage materials for each art group. 4 colors.

Set includes : 4 trays

Size : 40 x 30 x 3cm



# ***Literacy***

- Learn the order of the alphabet
- Learn to recognize letters, words and simple sentences





Activity  
Guide

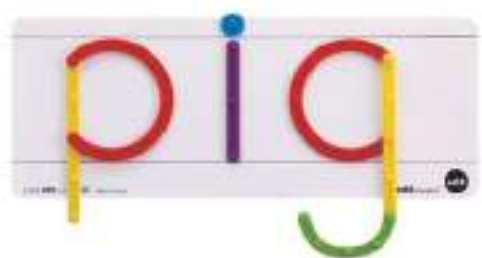
### GeoStix® Letter Construction Set 21368C

Helps children to learn capital letters, lower case letters and write words. Improve fine motor skills and develop creative thinking skills while playing with this letter construction set. 10 different shapes and lengths of flexible sticks that snap together. The set includes 200 flexible sticks and 25 x 2-sided activity cards. An ideal hands-on manipulative for children from 3 to 99!

**Set includes** : 200pcs and 25 activity cards in plastic container

**Size** : the longest stick is 10cm

Parts											
Quantity	x25	x35	x20	x10	x40	x10	x10	x30	x10	x10	x25



### GeoStix® Learning Words 21369

Learn basic words and know the alphabet with the GeoStix® Learning Words Set. GeoStix® are an amazing multifunctional and versatile educational tool that is used in both classroom and home learning environments. This product helps children and seniors improve their fine motor skills while developing key problem-solving and creative thinking skills while having fun.

**Set includes** : 200pcs , 1 spelling board and 23 activity cards

**Size** : the longest stick is 10cm

Parts											
Quantity	x 18	x 38	x 30	x 6	x 14	x 6	x 8	x 56	x 24	x 1	x23



Raised edges  
design



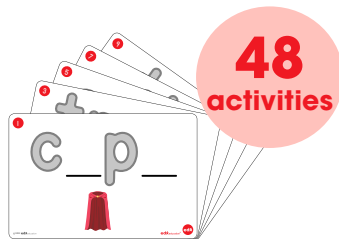
### Translucent Letters and Numbers Set 56500J

Upper case letters of the alphabet that are ideal for developing letter recognition, and for learning the order of the alphabet. Number 0-9 that are ideal for number recognition, counting, and sequencing.

Made from quality translucent plastic, 5cm high, 26 uppercase letters and number 0-9.

**Set includes :** 36pcs in jar

**Size :** 5cm high



### Lower Case Letters Learning Set

56506C

Learn basic words and know the alphabet. This set includes 66 letters and 25 x double-sided activity cards.

**Set includes :** 66pcs and 25 activity cards in plastic container

**Size :** 3.5-5.5cm high



Activity  
Guide

### Lower Case Letters

56505J

Know the letters of the alphabet and learn basic words learning through play.

**Set includes :** 52pcs in jar

**Size :** 3.5-5.5cm high



### Alphabet Bean Bags

61085

Colorful bean bags offer many options for learning and play. Great for developing gross motor skills. 5 colors.

**Set includes :** 26 bean bags and 1 cotton bag

**Size :** 10 x 10cm

## Sorting and Counting



**Sorting** - principles of sorting:

- carried out according to some criteria eg color, size, shape
- language/vocabulary develops with the sophistication of sorting as more sorting criteria are used

**Counting** - principles of counting:

- learn the names of the numbers in correct order
- link number names to objects being counted
- last number counted is the total
- counting can start at any point and in any direction
- eventually children will no longer require objects to count

Counters come in different shapes and sizes, and are an ideal resource to teach sorting and counting.

Shapes - most common counters are circular or square. Other popular counters are in the form of animals (wild life, farm, pets, seahorse, and dinosaurs), fruit, and transport.

Sizes - most common counters will be 19-25mm.

Colors - the number of different colors in a set of counters is normally 4 or 6. Most counters are opaque but some may be translucent.

Two-color counters - have one color on one side and a different color on the other sides. Can be used to teach a range of mathematical concepts - addition, subtraction, multiplication, division, number comparison, place value etc.

Counters may be used for sorting and classifying. Sorting objectives involve the use of language to describe the reasoning behind sort.



**18m+** No small parts

### First Sorting Kit

**15912**

The First Sorting kit contains basic shapes, bears and fish, total 132 pieces. No small parts! Safe for young children learning early math, colors, classifying and sorting. Lid included.

**Set includes :** 1 sorting tray with lid and 132 counters

**Size :** tray is 32.5cm dia.



\*Counters not included.

**18m+**

### Colored Sorting Bowls

**15510**

Set of six colored bowls, made of sturdy plastic. Good for all types of sorting activities.

**Set includes :** 6pcs

**Size :** bowl is 15cm dia. and 4cm depth



**18m+**

### Sorting Bowls and Tweezers Set

**13905**

Colorful sorting bowls and tweezers are ideal for all counting and sorting activities. The tweezers are easy for small hands to use, and improve fine motor skills.

**Set includes :** 6 sorting bowls and 6 tweezers

**Size :** bowl is 13cm dia. and 4cm depth



**18m+**

### Jumbo Tweezers

**13901J**

Colorful tweezers are great for counting and sorting activities. Easy for small hands to use, improves fine motor skills. 6 colors.

**Set includes :** 12 tweezers in jar

**Size :** 12cm long





Activity  
Guide

## Sorting and Counting Set

15913C

This set helps children learn the basics of early math through sorting, counting, patterning, comparing, measuring, geometry, sequencing, basic addition & subtraction along with part whole and logic & reasoning concepts through active play. This set includes 60 x links, 6 x sorting bowls, 2 x transparent spinner, 36 x transport counters, 36 x monster counters, 72 x stacking counters, 50 x GeoStix®, 60 x linking cubes, 60 x pattern blocks, 2 x tweezers, 12 x 2-sided activity cards and an activity guide.

**Set includes :** 384pcs , 12 activity cards and activity guide

**Size :** bowl is 13cm dia. and 4cm depth



Activity  
Guide

## Sorting Bears with Matching Bowls

13105

Our Sorting Bears with Matching Bowls are ideal for children to advance math concepts. Children can learn valuable language and classification skills when using bear counters. Ideal to learn counting, sorting, matching, patterning, addition and subtraction.

**Set includes :** 60 counters, 6 sorting bowls and 1 spinner

**Size :** bear is 2.5cm high



### Construction Vehicle Counters 13137C

Packaged in our plastic container for easy storage and packing up. 8 different construction vehicles in 6 colors – bulldozer, cement truck, crane, digger, dump truck, forklift, steam roller and tow truck. Six colors are red, orange, yellow, green, blue and purple.

**Set includes :** 48 counters in plastic container

**Size :** approx. 4.5cm



### Transport Counters 13140C

6 shapes and 6 colors - bus, car, train, helicopter, plane and tug boat. Six colors are red, orange, yellow, green, blue and purple.

**Set includes :** 72 counters in plastic container

**Size :** approx. 4cm

### Dinosaur Counters 13036C

8 dinosaurs - brachiosaurus, euoplocephalus, parasaurolophus, pterodactyl, spinosaurus, stegosaurus, triceratops, tyrannosaurus rex. Six colors are red, orange, yellow, green, blue and purple.

**Set includes :** 128 counters in plastic container

**Size :** approx. 5cm



### Farm Animal Counters 13200C

6 farm animals and 6 colors - chicken, cow, duck, horse, pig, and sheep. Six colors are red, orange, yellow, green, blue and purple.

**Set includes :** 72 counters in plastic container

**Size :** approx. 4cm



**18m+** No small parts

### Jumbo Transport Counters

**13148C**

Larger than normal jumbo counters are designed to be easy to hold and grab. 8 different transporters in 6 colors - bus, car, helicopter, motorbike, plane, sailboat, train and tug boat.

**Set includes :** 48 counters in plastic container

**Size :** approx. 5-5.5cm



**easy to  
hold and grab**



**online  
resources**

### Empathy Animal Counters

**13114C**

Empathy counters help children to understand and accept imperfections in each other. There are six counters in total. 2 rabbits, 2 dogs and 2 cats. One of each animal has a noticeable imperfection. 6 different shapes in 6 earth colors.

**Set includes :** 72 counters in plastic container and additional activities online

**Size :** approx. 5cm high



### Fruit Counters

#### 13120C

6 different fruits and 6 colors - apple, banana, orange, grape, blueberry and strawberry. Six colors are red, orange, yellow, green, blue and purple.

**Set includes :** 108 counters in plastic container.

**Size :** approx. 2-5cm



### Aquatic Counters

#### 13150C

14 creatures and 6 colors - crab, dolphin, frog, lobster, octopus, penguin, seal, seahorse, shark, starfish, stingray, turtle, swordfish and whale. Six colors are red, orange, yellow, green, blue and purple.

**Set includes :** 84 counters in plastic container.

**Size :** approx. 5cm



### Wild Animal Counters

#### 13026C

10 wild animals and 6 colors - bear, camel, elephant, giraffe, gorilla, hippopotamus, lion, kangaroo, rhinoceros and tiger. Six colors are red, orange, yellow, green, blue and purple.

**Set includes :** 120 counters in plastic container.

**Size :** approx. 5cm



### Backpack Bear Counters

#### 13100C

In 3 different heights and 6 colors. Bears weigh 4g, 8g and 12g, six colors are red, orange, yellow, green, blue and purple. Set of 96 pieces comprises 48 x 4g, 24 x 8g, 24 x 12g.

**Set includes :** 96 counters in plastic container.

**Size :** approx. 2.5-4cm



### Bug Counters

#### 13180C

12 different bugs and 6 colors. Bugs include ant, butterfly, caterpillar, cockroach, lady-bird, dragon fly, fly, locust, rhinoceros beetle, scorpion, and stag beetle. Six colors are red, orange, yellow, green, blue and purple.

**Set includes :** 72 counters in plastic container.

**Size :** approx. 6cm

## Home Learning Counters

Counters are essential learning materials for children. Use different counters to learn basic number concepts:



- sorting
- matching
- comparing
- sequencing
- patterning
- basic counting

Children may also design their own games by using these counters.

In addition to the counters, we also have manipulatives in jar packagings for light box play, construction, geometry and measurement.



online  
resources

Activity  
Guide

### Whale Counters

13152J

Made from soft plastic. The versatile whale counters can be used for all math activities such as counting, sorting, patterning and can also be used for stacking activities! This set includes 18 large whales, 18 small whales in 6 colors with tweezers.

**Set includes** : 36 counters, tweezers, activity guide in jar and additional activities online

**Size** : large whale is 6.5cm



Activity Guide

**Monster Counters****13834J**

6 monsters in 6 bright colors, 36 pieces with tweezers and activity guide included.

**Set includes** : 36 counters and tweezers in jar

**Size** : approx. 2.5-3.5cm



Activity Guide

**Monster Counters****13835J**

6 monsters in 6 earth colors, 36 pieces with tweezers and activity guide included.

**Set includes** : 36 counters and tweezers in jar

**Size** : approx. 2.5-3.5cm



Activity Guide

**Aquatic Counters****13151J**

7 shapes and 6 colors, 42 pieces, with tweezers and activity guide included.

**Set includes** : 42 counters and tweezers in jar

**Size** : approx. 5cm



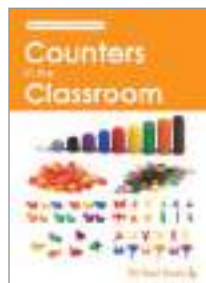
Activity Guide

**Transport Counters****13144J**

6 shapes and 6 colors, 36 pieces, with tweezers and activity guide included.

**Set includes** : 36 counters and tweezers in jar

**Size** : approx. 4cm

**Counters in the Classroom (book)****28024**

Please refer to Dr W Swan books on pages 198 to 203.



Activity Guide

**Small Bear Counters****13103J**

60 pieces in 6 colors, with tweezers and activity guide included.

**Set includes** : 60 counters and tweezers in jar

**Size** : approx. 2.5cm



A collection of large, colorful plastic transport vehicles including a bus, car, train, motorcycle, helicopter, boat, and airplane. A hand is shown holding a red airplane counter.

**New**

**18m+ No small parts**

### Jumbo Transport Counters 13146J

Larger than normal jumbo-sized counters are designed to be easy to hold and grab. Comes with an easy-to-follow activity guide that demonstrates suggested activities through images.

**Set includes :** 24 counters in jar

**Size :** approx. 5-5.5cm



**online resources**



A collection of large, colorful plastic construction vehicles including a bulldozer, cement truck, crane, digger, dump truck, forklift, steam roller, and tow truck.


**Activity Guide**

### Construction Vehicle Counters 13136J

Packaged in our convenient Mini Jar. 8 different construction vehicles in 4 colors – bulldozer, cement truck, crane, digger, dump truck, forklift, steam roller and tow truck. 4 colors are red, yellow, green and blue.

**Set includes :** 32 counters and activity guide in jar

**Size :** approx. 4.5cm



A collection of small, colorful plastic farm animals including a pig, cow, sheep, chicken, duck, and horse. A pair of red tweezers is also shown.

**Activity Guide**

### Farm Animal Counters 13204J

36 pieces in 6 shapes and 6 colors, with tweezers and activity guide included.

**Set includes :** 36 counters and tweezers in jar

**Size :** approx. 4cm

# Monster Counters

Babbit



- Afraid
- Favorite food: milk

Vala



- Surprised
- Favorite food: bread

Triton



- Sad
- Favorite food: carrots

Birdoo



- Anxious
- Favorite food: apples

Crobee



- Angry
- Favorite food: nuts

Nessy



- Happy
- Favorite food: meat

16  
activities



## Monster Counters Activity Set 13836

Meet our Monster Counters - Vala, Nessy, Birdoo, Babbit, Triton and Crobee. 6 shapes in 6 earth colors. Comes with 10 x double-sided activity cards, 72 counters and a transparent spinner (9cm dia.).

**Set includes :** 72 counters, 1 spinner and 10 activity cards

**Size :** approx. 2.5-3.5cm



**Green-n-Learn®**

### Whales Story Counters Set

**13154**

Made from recycled plastic. Tell the stories of the ocean and the whales life through story book. The whale counters can be used for all math activities such as counting, sorting, and patterning! This set includes 18 large whales, 18 small whales in 3 colors and a story book.

**Set includes :** 36 counters and a story book

**Size :** large whale is 6.5cm

= 9 x 



### Construction Vehicles Story Set

**13138**

Children learn to understand what each construction vehicle's use is through picture story telling while also learning and understanding the symbiosis with animals. Suitable for all markets worldwide with only pictures and no wording to translate. The Construction Vehicle Counters are suitable for all math activities such as counting, sorting, grouping and patterning. This set has 8 different construction vehicles in 4 colors – bulldozer, cement truck, crane, digger, dump truck, forklift, steam roller and tow truck.

**Set includes :** 32 counters and a story book

**Size :** approx. 4.5cm

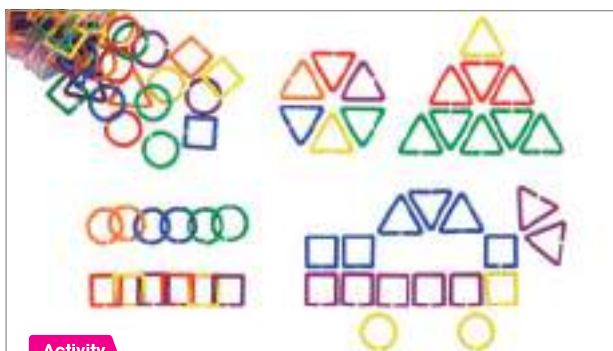
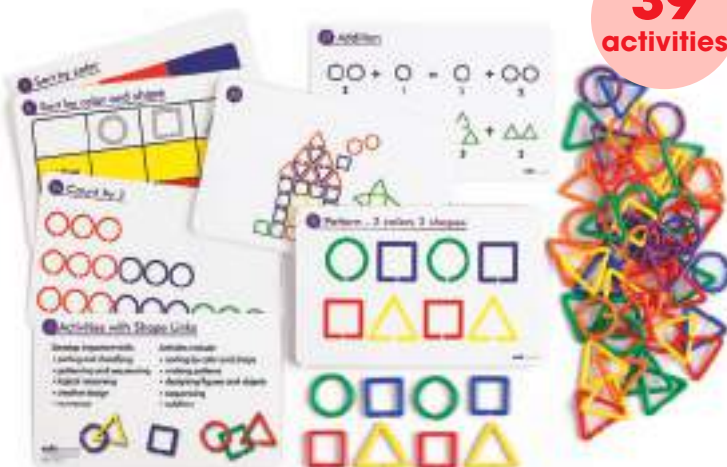
39  
activities

### Shape Links Activity Set 14124C

Students develop important skills – sorting and classifying, patterning and sequencing, logical reasoning, creative design and basic numeracy.

**Set includes :** 360 links and 20 activity cards in plastic container

**Size :** square link is 3 x 3cm

Activity  
Guide

### Geo Links 14126J

144 links in 3 shapes and 6 colors. Activity guide included.

**Set includes :** 144 links in jar

**Size :** square link is 3 x 3cm



### Counting Sticks 13710

A great way to develop children's skill in counting, sorting, addition, subtraction and measuring. 10 colors.

**Set includes :** 1000 sticks

**Size :** 10cm long, 0.3cm dia.

### Magnetic Foam Numbers

39440

Large magnetic foam numbers 0-9, are an essential resource for the classroom. Made from EVA foam with thin magnetic sheet backing.

**Set includes :** 10pcs

**Size :** 15cm high

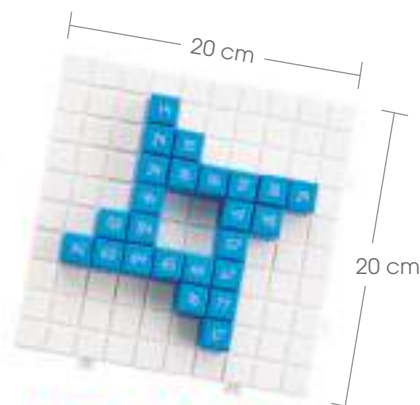




**18**  
activities



—2 cm—



### Hundred Board Activity Set 19610

Perfect for learning number sense and basic number relations. Booklet includes 18 activities that cover number sequences 1-20, 1-100, odds, evens, number fluency, multiples and prime numbers.

**Set includes :** 1 number board, 1 baseboard, 100 number cubes, 60 translucent cubes and 1 activity booklet

**Size :** number board is 20 x 20cm



**16**  
activities



—2 cm—



### Pattern Activity Set 19612

The Pattern Play Activity Set helps children better understand numbers and number sequences. Children follow the activity cards and stack the translucent cubes on the hundred board to create the fun and colorful 2D and 3D designs. Activity booklet includes 16 activities.

**Set includes :** 1 number board, 150 translucent cubes and 1 activity booklet

**Size :** number board is 20 x 20cm

# ***Number Rods***

## **Learn Skills:**

- sequencing
- making ten
- measurement
- comparing
- addition
- creating designs



## Number Rods

Number Rods are a great tool for children to play and learn number relationships, number comparison, part-part-whole, and understand multiplication concepts.

Rods are basically a model, based on length, of our number system. The model, while being relatively simple, can be quite powerful. For example, if the yellow rod is used to represent one (1), then the purple rod represents nine (9) and the orange rod, three (3). These rods may be used to create the following model.



Pause for a moment and consider the relationships that may be depicted.

$$3 + 3 + 3 = 9$$

$$9 - 3 - 3 - 3 = 0$$

$$9 \div 3 = 3$$

$$3 \times 3 = 9$$

$$6 + 3 = 9$$

$$1/3 \text{ of } 9 \text{ is } 3$$



Try asking students to create mathematical stories to go with various arrangements of rods.

















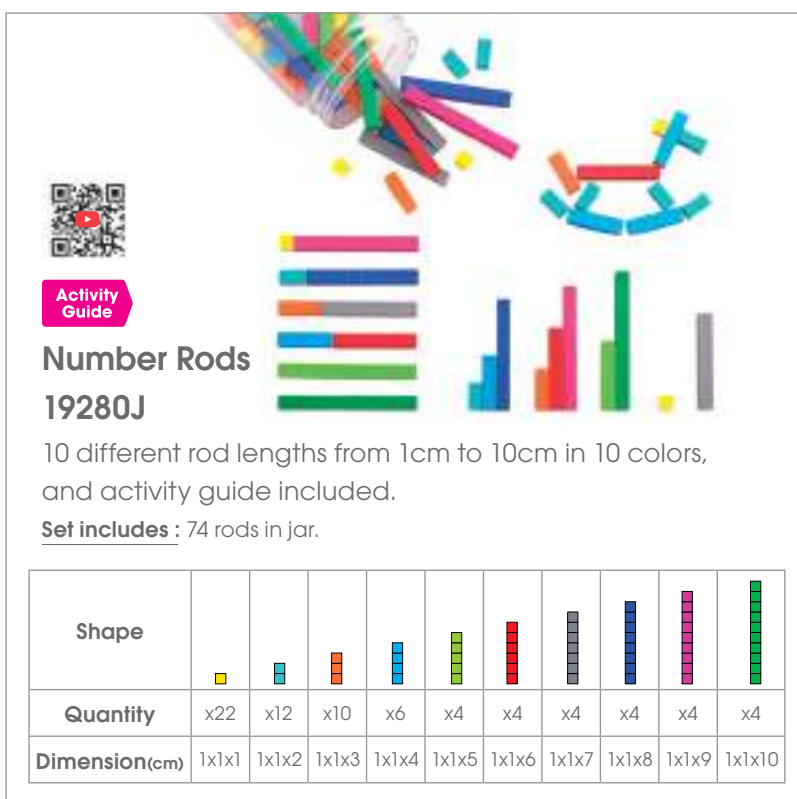
## Early Math101 - Number Rods

19284C

This set contains 231 rods, 50 activity cards and 1 book.

**Set includes :** 231 rods, 50 activity cards and 1 book in plastic container

Shape												
Quantity	x75	x36	x30	x18	x12	x12	x12	x12	x12	x12	x50	x1
Dimension(cm)	1x1x1	1x1x2	1x1x3	1x1x4	1x1x5	1x1x6	1x1x7	1x1x8	1x1x9	1x1x10	17.3x11.5	21x29.7













Activity  
Guide

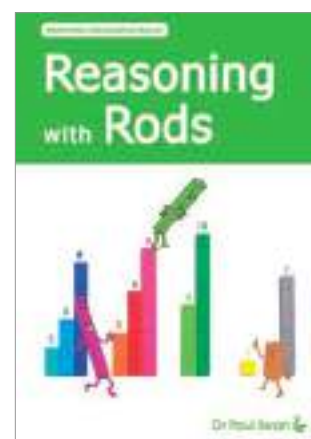
## Number Rods

19280J

10 different rod lengths from 1cm to 10cm in 10 colors, and activity guide included.

**Set includes :** 74 rods in jar.

Shape										
Quantity	x22	x12	x10	x6	x4	x4	x4	x4	x4	x4
Dimension(cm)	1x1x1	1x1x2	1x1x3	1x1x4	1x1x5	1x1x6	1x1x7	1x1x8	1x1x9	1x1x10



## Reasoning with Rods (book)

28025

Please refer to Dr Paul Swan books on pages 198 to 203.



Activity  
Guide

## FunPlay Number Rods

19282













Set includes 74 rods with 25 x double-sided activity cards and a Fun<sup>2</sup> Messy Tray.

**Set includes :** 74 rods, Fun<sup>2</sup> messy tray and 25 activity cards



50  
activities



Shape												
Quantity	x22	x12	x10	x6	x4	x4	x4	x4	x4	x4	x25	x1
Dimension(cm)	1x1x1	1x1x2	1x1x3	1x1x4	1x1x5	1x1x6	1x1x7	1x1x8	1x1x9	1x1x10	17.3x11.5	25x25x2.5

58  
activities

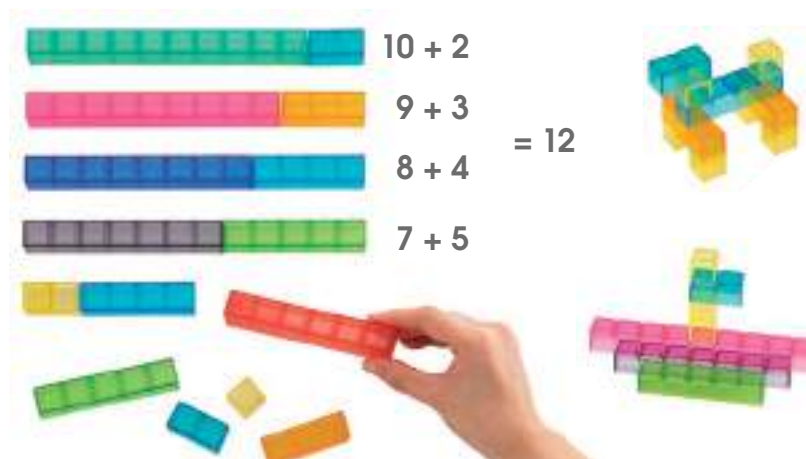













## Part-Whole Activity Set

19613

Maths and construction 2D and 3D creativity! Designed to challenge young minds to identify missing numbers by using and extending both addition and subtraction skills to create the 58 activities included in the activity booklet. Includes 74 translucent number blocks in 10 sizes and 10 colors, and a booklet.

**Set includes :** 74pcs and 1 activity booklet



Shape											
Quantity	x22	x12	x10	x6	x4	x4	x4	x4	x4	x4	x1
Dimension(cm)	2x2x2	2x2x4	2x2x6	2x2x8	2x2x10	2x2x12	2x2x14	2x2x16	2x2x18	2x2x20	14.8x21

# ***Early Math101***

**“These hands-on materials have been carefully selected to assist children in learning the foundations of mathematics - number skills, sorting and classifying, and problem-solving.”**

**Dr Paul Swan**



# Early Math101



Number sense, geometry and logical thinking are essential for children learning mathematics in kindergartens. Early Math Kits are designed for children aged 3-6. Parents can have quality play time with their children while they are learning mathematics. Each kit has high quality manipulatives, activity cards and activities, and is packaged in a hand carry plastic case.

## Number & Measurement

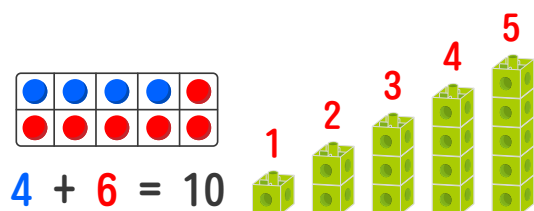


- Level 1 3-4 years
- Level 2 4-5 years
- Level 3 5-6 years

### Number

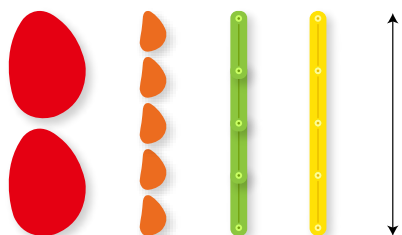
The link between;

- Physical Material - Manipulatives.  
(visual image, experiencing-hands-on)
- Language - talk about, write about, read.
- Symbols - representation.



### Measurement

- Which is bigger (longer, heavier...)
- How big?
- How much bigger?



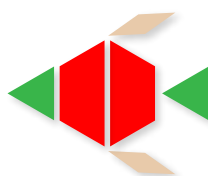
## Geometry & Problem Solving



- Level 1 3-4 years
- Level 2 4-5 years
- Level 3 5-6 years

### Geometry

- What is it? Names and properties of 2D shapes and 3D objects.
- Where is it? Location, direction, position, co-ordinates.
- How does it move or change?  
Transformations - reflect (flip), translate (slide), rotate (turn), enlargement/reduction.



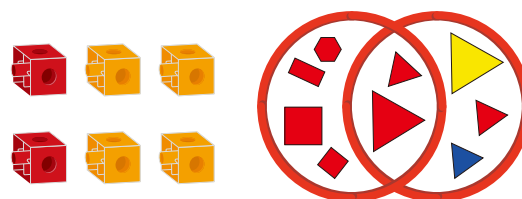
circle



triangle

### Logic and Problem-Solving

- Sorting, sequencing, patterning, matching.
- Develop three C's patterning;  
copy - continue - create.



# Early Math101

## Number & Measurement

Ages 3-4

Level  
1



Activity  
Guide

### Number & Measurement Level 1

38110C

Ideal to learn counting 1-5, measuring, sorting and matching also develop fine motor and creative thinking skills.

#### Set includes

Junior Rainbow Pebbles®	Linking Cubes	Bean Bag	Color Spinner	Number Spinner
x 12	x 20	x 1	x 1	x 1
Farm Animal Counters	Five Frame	Activity Cards		Activity Guide
x 30	x 2	x 25		x 1

# Early Math101

## Geometry & Problem Solving

Ages 3-4

Level  
1



25  
activities

Activity  
Guide

### Geometry & Problem Solving Level 1

38111C

Ideal to learn the names of shapes, patterning, problem-solving skills, also develop fine motor skills and hand-eye coordination.

#### Set includes

Shape Blocks						Laces	Geo Pegs
x 5	x 6	x 14	x 10	x 5	x 10	x 3	x 18
Peg Board		Activity Cards		Activity Guide			
x 1		x 54		x 1			

# Early Math101

## Number & Measurement

Ages 4-5

Level  
2

25  
activities

Activity  
Guide

### Number & Measurement Level 2

38120C

Ideal to learn number recognition, counting 1-10, adding, measuring, and standard subitising patterns 1 to 10.

### Set includes

Double 6 Dominoes	Ten Frame	2-color Counters	Beadstring - 20 beads	
x 28	x 2	x 20	x 1	
6-sided Jumbo Dice	10-sided Jumbo Dice	Linking Cubes	Activity Cards	Activity Guide
x 1	x 1	x 40	x 25	x 1

# Early Math101

## Geometry & Problem Solving

Ages 4-5

Level  
2



25  
activities

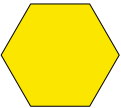





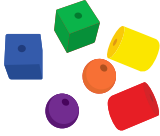

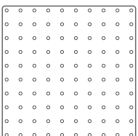
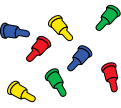
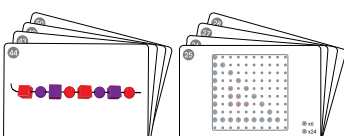

Activity  
Guide

### Geometry & Problem Solving Level 2

38121C

Ideal to learn 2D shapes and 3D solids, symmetry, patterning, spatial problem-solving skills, positioning and creative thinking skills.

#### Set includes

Pattern Blocks						Lacing Beads	Laces
							
x 5	x 7	x 12	x 12	x 12	x 12	x 36	x 2
Peg Board		Small Pegs		Activity Cards		Activity Guide	
							
x 1		x 200		x 25		x 1	

# Early Math101

## Number & Measurement

Ages 5-6

Level  
3



25  
activities

Activity  
Guide

### Number & Measurement Level 3

38130C

Ideal to learn counting 1 to 100 and beyond, place value concept, measuring, creating patterns and problem-solving skills.

#### Set includes

Number Rods										Number Rods Booklet	School Friendly Playing Cards	Translucent Counters
x 22	x 12	x 10	x 6	x 4	x 4	x 4	x 4	x 4	x 4	x 1	x 1 deck	x 40
Snakes and Ladders / Number Board with Block Windows					Place Value Trains	10-sided Jumbo Place Value Dice	Number Trains	Activity Guide				
x 1					x 19	x 2	x 5	x 1				

# Early Math101

## Geometry & Problem Solving

Ages 5-6

Level  
3



25  
activities

Activity  
Guide

### Geometry & Problem Solving Level 3

38131C

Ideal to learn advanced sorting and classifying, symmetry and reflection, creative design, critical thinking skills through logic and reasoning.

#### Set includes

Junior GeoStix®										Geoboard	Elastic Bands
x 2	x 4	x 4	x 4	x 4	x 6	x 6	x 6	x 6	x 8	x 1	x 20

Attribute Blocks Spinner	Sorting Circles	Attribute Blocks	Activity Cards	Activity Guide
x 1	x 2	x 60	x 25	x 1

# Mathematics



# “Mathematics is a universal language”

## What is a Mathematics manipulative?

A mathematics manipulative is any physical object or material that can be used in a hands-on manner to assist students in developing mathematical understanding, and to solve problems. Learning is achieved through linking the manipulative to the mathematics being taught and highlighting the appropriate language. Advances in technology have meant that virtual manipulatives are now available, however, educationalists believe children require physical, tactile experiences as well as virtual experiences.

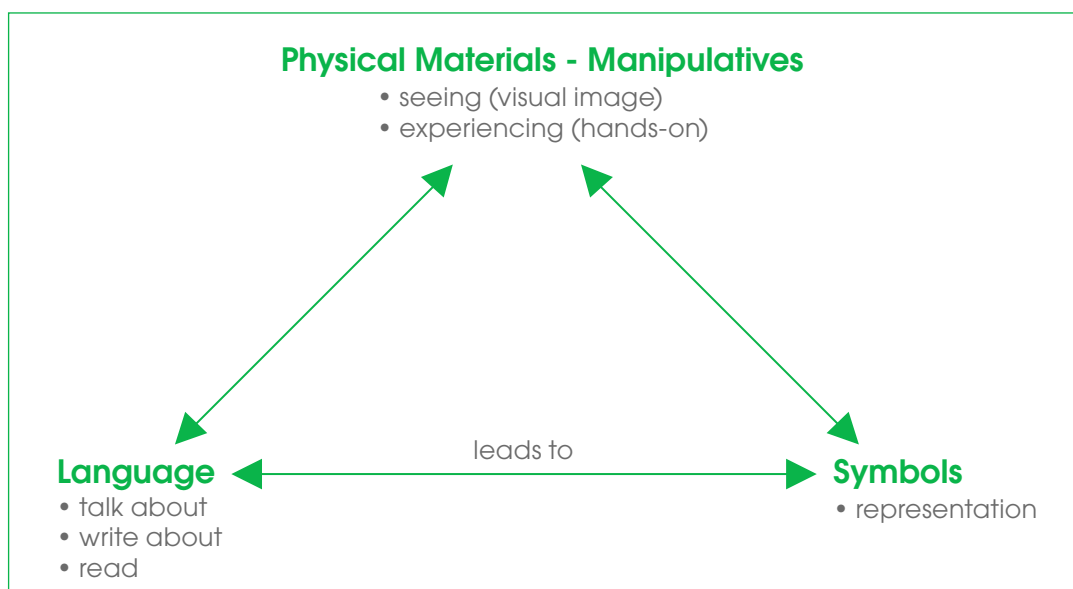
## What are the main content strands of Mathematics?

- **Number and Algebra** – number concepts (eg counting and place value), four operations (addition, subtraction, multiplication, division), fractions, decimal fractions, percentages and early algebraic concepts: classifying, comparing, sequencing, patterning, attributes and equivalence.
- **Geometry** - shapes, solids, spatial relationships in two and three dimensions, angles, symmetry, use of geometrical instruments
- **Measurement** – attributes of measure: length, area, mass, volume, capacity, temperature, time, money, (choosing and using) units of measure
- **Probability** – experimenting by rolling, spinning, drawing out of a hat type experiments, leading to a better understanding of chance concepts and eventually theoretical probability. Note that many, but not all, chance experiments will require the use of statistics in order to help handle the data.

Manipulatives	Mathematics Strands			
	Number & Algebra	Geometry	Measurement	Probability
Abacus	V			
Algebra Tiles	V			
Attribute Blocks	V		V	
Balances	V		V	
Base Ten (Multi Base)	V		V	
Clocks			V	
Counters	V			V
Cubes	V		V	V
Dice and Spinners	V			V
Dominoes	V			
Fraction Circles and Squares	V	V		
Geoboards	V	V	V	
Geometric Solids		V	V	
Geometric Solids/Shapes 2D3D		V	V	
GeoLand®		V		
GeoStix®		V	V	
Linking Cubes	V	V	V	V
Liquid Measure		V	V	
Number Boards and Charts	V			
Pattern Blocks	V	V	V	
Pentominoes		V	V	
Playing Cards	V			V
Rainbow Pebbles®	V		V	
Rulers and Tape Measures			V	
Sorting Rings	V			
Tangrams	V	V	V	
Trundle Wheel			V	

# Mathematics Learning Model

The following diagram summarises our approach to the use of manipulative materials. Simply “playing with” mathematics manipulatives is not enough to help children learn. Skilled teachers need to link experiences with manipulatives with the appropriate language and symbols.



## Which Mathematics manipulatives are suitable for each Mathematics strand?

The table on the opposite page details which manipulatives are used for each of the mathematics strands. Many of the manipulatives are multipurpose and may be used to learn principles and concepts from more than one of the strands. For example, Pattern Blocks are very versatile and may be used to develop number concepts, fractions, geometry, and measurement concepts, such as line and rotational symmetry, area and perimeter.

### Did you know?

*The Internet is one massive sorting system. To efficiently search the internet requires precise language.*

# Home Learning - Ages 5-6



Activity Guide

## Home Learning - Ages 5-6

38071

Our Home Learning mathematics kit for students aged 5-6 years is ideal for children to learn important early math concepts and develop their skills in counting, addition, sorting, classifying, identifying geometric shapes, problem-solving and reasoning.



### Set includes

Pattern Blocks						Junior GeoStix®					
x 5	x 5	x 10	x 10	x 10	x 10	x 2	x 4	x 6	x 6	x 7	x 12
Child Friendly Cards	Linking Cubes		Red/yellow Counters	6-sided Dice	10-sided Dice	Activity Board	Activity Guide				
x 1 deck	x 40		x 22	x 2	x 1	x 1	x 1				

# Home Learning - Ages 6-8



Activity Guide

## Home Learning - Ages 6-8













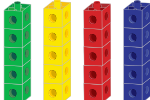
38072








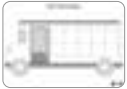

Our Home Learning mathematics kit for students aged 6-8 years is ideal for children to learn important early math concepts and develop their skills in counting, addition, sorting, classifying, identifying geometric shapes and objects, problem-solving and reasoning.

20 activities



### Set includes

Pattern Blocks						Junior GeoStix®						Linking Cubes
												
x 5	x 5	x 10	x 10	x 10	x 10	x 2	x 4	x 6	x 6	x 7	x 12	x 40

School Friendly Playing Cards	Student Clock (12hr)	Red/yellow Counters	Translucent Counters	6-sided Dice	10-sided Dice	Number Board	Activity Board	Activity Guide
								
x 1 deck	x 1	x 22	x 30	x 2	x 1	x 1	x 1	x 1

# Home Learning - Ages 8-10













## Activity Guide

### Home Learning - Ages 8-10 38073

Home learning mathematics kit designed by experienced teachers for home and classroom use. This kit comes with an activity booklet that links all the manipulatives in creating a complete math learning program for students aged 8-10 years. Children extend their counting, problem-solving, geometry and time telling skills through interactive, fun and interesting activities.

## Set includes

MultiSpin Bingo Cards	Math Cubes	Transparent Spinner & Anti-slip Pads	Combo Playing Cards
			
x 4	x 40	x 1	x 1

Student Clock (12hr)	Translucent Counters	10-sided Dice	6-sided Dice	Number Board	Activity Guide
					
x 1	x 40	x 1	x 2	x 1	x 1

# Home Learning - Ages 10-12



## Activity Guide

### Home Learning - Ages 10-12

38074

Home learning mathematics kit expertly designed by experienced teachers for home and classroom use. This kit comes with an activity booklet that links all the manipulatives in creating a complete math learning program for students aged 10-12 years. Children extend their counting, problem-solving, geometry and time telling skills through interactive, fun and interesting activities.

## Set includes

Junior GeoStix®						Protractor	Color Tiles	Transparent Spinner & Anti-slip Pads	Combo Playing Cards
x 2	x 4	x 6	x 6	x 7	x 12	x 1	x 40	x 1	x 1 deck
Student Clock (24hr)		Translucent Counters		10-sided Dice		Fraction Tiles		Activity Guide	
x 1		x 40		x 1		x 1 set		x 1	



### Stacking Counters 13340

**13340C** in plastic container  
10 colors.

**Set includes** : 500 counters

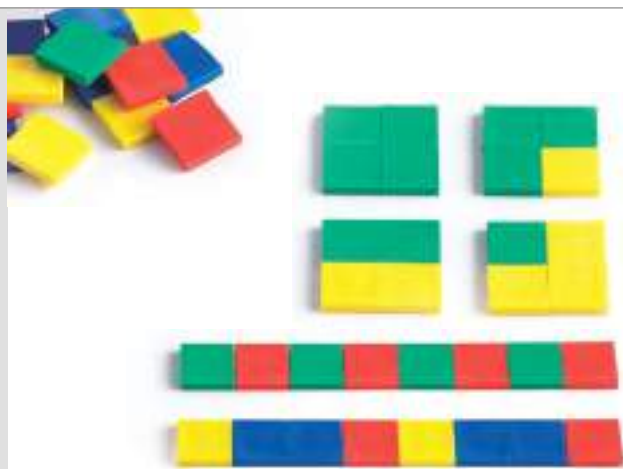
**Size** : 2cm dia.

### Color Tiles 13280

Teach basic operations, sorting, graphing, perimeter, area, volume and probability. In sturdy plastic container. Plastic, 4 colors.

**Set includes** : 400 tiles

**Size** : 2.5 x 2.5 x 0.5cm



### Colour Tiles (book) 28020

Please refer to Dr Paul Swan books on  
pages 198 to 203.

# Developing Fluency

When children learn basic number facts, the objective is to reach a level of fluency. The three step process in achieving fluency:

- 1. Develop understanding and meaning** - for example learning that  $3 + 4 = 4 + 3$  reduces the facts to be learned.
- 2. Teach efficient thinking strategies** - for example
  - $8 + 7$  may be thought of as 8 and 2 makes 10 and another 5 makes 15
  - link fact families:  $8 + 7 = 15$ ,  $7 + 8 = 15$ ,  $15 - 8 = 7$ ,  $15 - 7 = 8$ ,  
 $8 + ? = 15$ ,  $7 + ? = 15$
- 3. Perfect practice makes permanent** - the aim is to store the fact in long term memory so that it may quickly be recalled, rather than waste short term memory working the fact out every time.

**Edx has products which are suitable for these three steps.**

## Steps 1 and 2

- Rekenreks, and Cubes
- Tens Frame and two color counters
- Number Balance, and Peg Number Line

## Step 3 (Practice)

- Beanbag Target Mat, and Number Hokey Pokey
- Turn-the-Tile, and Number Skittles
- Multiplication Tables (10 and 12 times)
- Multiplication Table Cards
- Multiplication and Division Practice Cards
- Multispin and Spindiv
- Rowco and Combo cards games
- Assorted dice and playing cards may be used with games to practise basic facts
- Various board games

After much practice, facts will come to mind automatically, leaving the child free to concentrate on other aspects of a mathematics question.

**Perfect practice makes permanent**

**55**  
activities



Mathematics Activity Cards

**14**  
activities



Construction Activity Cards

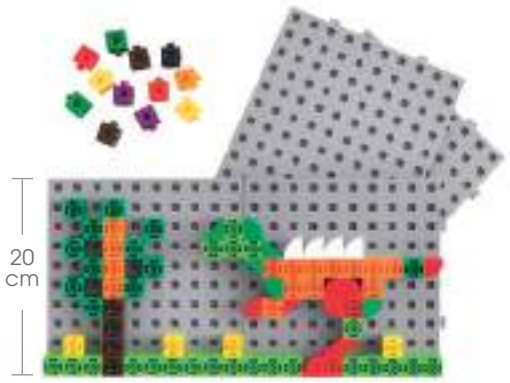


### Linking Cube Classroom Set 12134C

Set includes 500 x blocks in 10 bright colors, comprising 400 x 2cm cubes, 50 x triangles, 50 x quadrants, 4 baseboards and 42 x 2-sided activity cards. Cube measures 2cm square.

**Set includes :** 500pcs, 4 baseboards and 42 activity cards in plastic container

**Size :** 2cm cubes



\* Cubes not included.

### Baseboard for Linking Cubes 12056

Grey baseboard only, set of 4. Each baseboard measures 20cm square.

**Set includes :** 4 baseboards

**Size :** 20 x 20cm

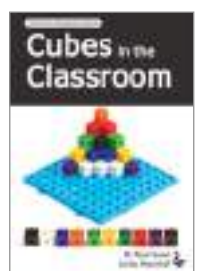
### Translucent Linking Cubes

**12024**

Translucent 2cm linking cubes, 100 cubes in 10 colors. A multifunctional manipulative that can be used for all levels of learning. An ideal hands-on tool for learning geometry, patterning, numbers, addition, subtraction, measurement and so much more.

**Set includes :** 100 cubes

**Size :** 2cm cubes



### Cubes in the Classroom (book)

**28023**

Please refer to Dr Paul Swan books on pages 198 to 203.

Our Linking Cubes provide mathematical learning experiences in developing children's skills in counting, classifying, addition, subtraction, place value, measuring, and patterning. Geometry and geometric reasoning skills can also be developed. The Linking Cubes are a versatile tool for all levels of learning and proficiency in the classroom.

### Linking Cubes

**12010** 100 cubes

**12011** 500 cubes

**12012** 1000 cubes

2cm cubes in 10 colors. The creative possibilities are endless with these cubes. Designed to be virtually unbreakable, these blocks will easily meet the rigours of the classroom and home learning activities.

Size : 2cm cubes

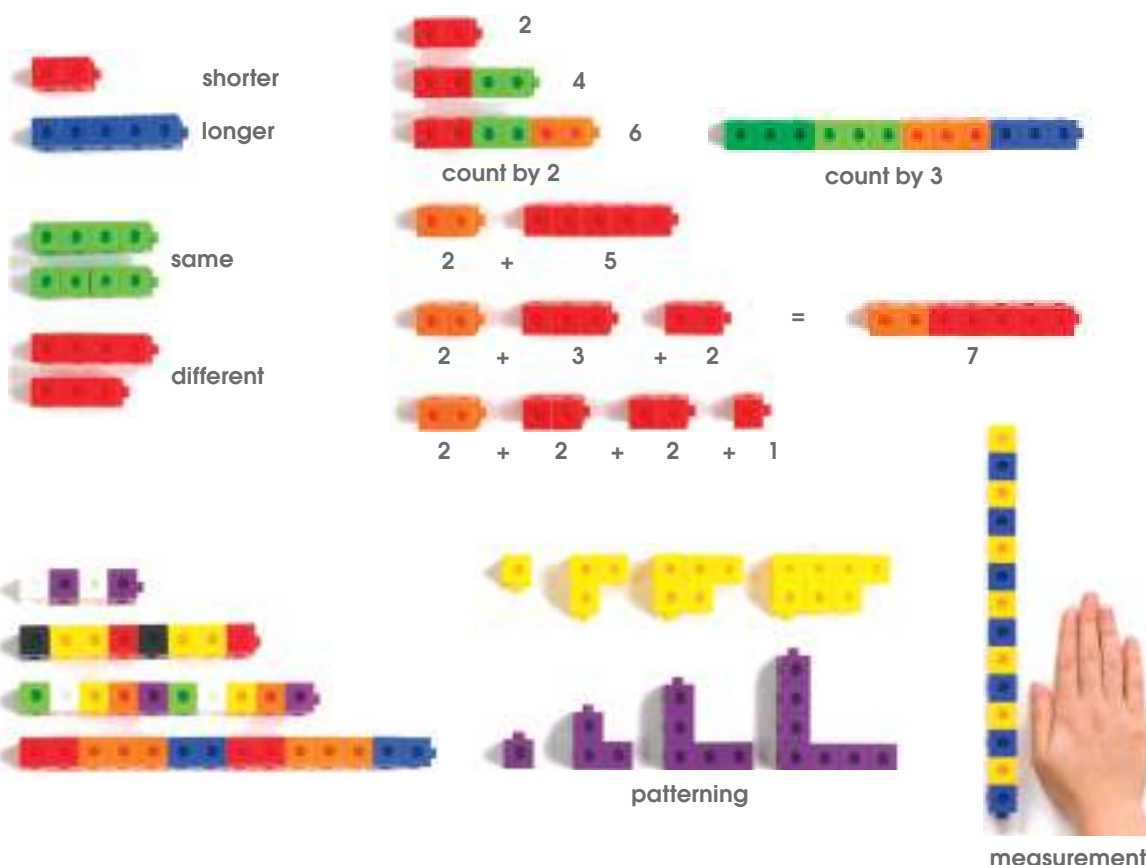
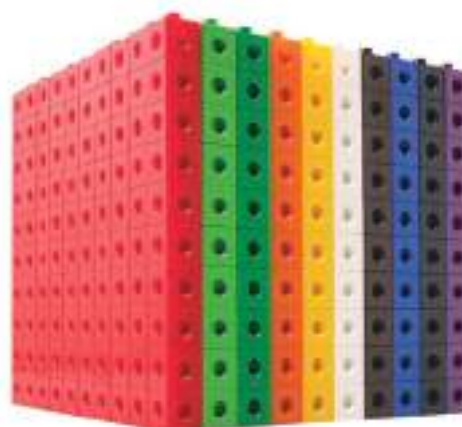
 **Green-n-Learn®**

**Linking Cubes**

**12034**

Set includes : 100 cubes

Size : 2cm cubes





### Interlocking Cubes Activity Set 12217

1cm interlocking cubes. Comes with 25 x double-sided activity cards, 2 grey baseboards and 240 cubes in 8 colors.

**Set includes :** 240 cubes, 2 baseboard and 25 activity cards

**Size :** 1cm cubes

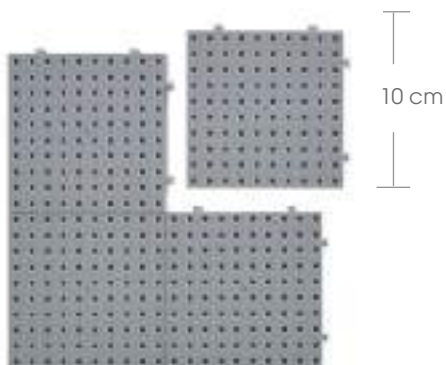
### Interlocking Cubes 12210

**12210C** in plastic container

1cm interlocking cubes in 10 bright colors.

**Set includes :** 1000 cubes

**Size :** 1cm cubes



### Interlocking Baseboard 12513

Designed for 1cm interlocking cubes.

**Set includes :** 4pcs

**Size :** 10 x 10cm

Activity  
Guide



2cm

### Math Cubes 12710

2cm Math Cubes are a multifunctional manipulative that can be used for all levels of learning. An ideal hands-on tool for learning geometry, patterning, numbers, addition, subtraction, measurement and so much more.

**Set includes :** 100 cubes

**Size :** 2cm cubes



### Math Cubes Learning Set 12712

Math Cubes Learning Set comes with 25 x double-sided activity cards and 100 x 2cm cubes. Math Cubes are a multifunctional manipulative that can be used for all levels of learning. An ideal hands-on tool for learning geometry, patterning, numbers, addition, subtraction, measurement and so much more.

**Set includes :** 100pcs and 25 activity cards

**Size :** 2cm cubes

50  
activities



100  
activities



### Math Cubes Classroom Set 12714C

Math Cubes Classroom Set is a multifunctional open-ended educational toy that can be used for all levels of learning through play. An ideal hands-on tool for learning geometry, patterning, numbers, addition, subtraction, measurement and so much more. Set includes 400 x 2cm cubes in 4 colors, 30 x equilateral triangles, 30 x right triangles, 40 x quadrants and 50 x 2-sided activity cards.

**Set includes :** 500pcs and 50 activity cards in plastic container

**Size :** 2cm cubes



### Magnetic Foam Numbers

**39440**

Large magnetic foam numbers 0-9, are an essential resource for the classroom. Made from EVA foam with thin magnetic sheet backing.

**Set includes :** 10pcs

**Size :** 15cm high



**18m+** Activity Guide



### Number Skittles

**26300**

Develop gross motor skills while at the same time improving basic mathematics skills. Fun activity for students and teachers. 10 skittles and 2 balls in a vinyl carry bag.

**Set includes :** 10 skittles and 2 balls

**Size :** skittle is 23cm high; ball is 8cm dia.



### Beanbag Target Mat

**26944**









Fun game for children to develop fluency in addition. Two-sided, allowing two different levels of skills. Durable mat, 6 beanbags, folds into A3 wallet, 110 x 110cm.

**Set includes :** 1 mat and 6 bean bags.

**Size :** mat is 110 x 110cm



# Five Frames

<b>Five Frame</b>		$3 + 2 = 5$		$1 + 4 = 5$
<b>Ten Frame</b>		$7 + 3 = 10$		$2 + 3 = 5$
<b>Ten Strip</b>		$7 + 3 = 10$		$3 + 2 = 5$
				$4 + 1 = 5$
				$5 + 0 = 5$

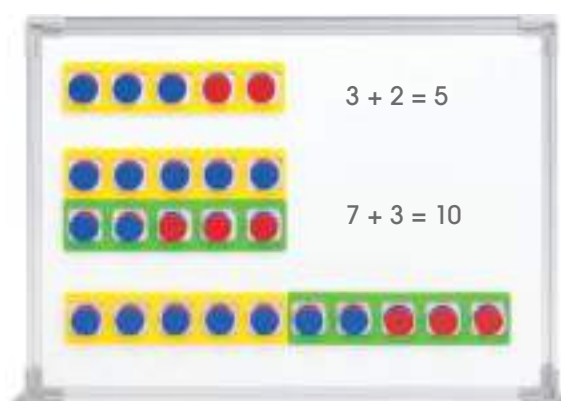
## Five Frames

**26220**

The five frame highlights number combinations to five, and helps students in visualising numbers to develop number sense. Set includes 20 x five frames in 2 colors and 100 x 2-color counters.

**Set includes** : 20 five frames and 100 counters

**Size** : five frame is 19cm x 4.5cm



\*Magnetic Whiteboard are not included

## Magnetic Five Frames

**26221**

The five frame highlights number combinations to five, and helps students in visualising numbers to develop number sense. Set includes 4 x magnetic five frames and 20 x magnetic 2-color counters. An essential tool for the classroom. Five frame measures 25cm x 6cm.

**Set includes** : 4 magnetic five frames and 20 magnetic counters.

**Size** : five frame is 25cm x 6cm

# Ten Frames

## Using Ten Frames

Note that ten frames are typically filled in two different ways. One method involves filling the top row from left to right first and then the second row. This technique anchors on the five in the top row. This is similar to the Rekenrek.

Fifewise

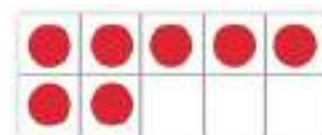


An alternative way to fill the ten frame is in a pair-wise configuration. This method helps to emphasise odd and evenness. Notice how 7 looks using this filling method.

Pairwise



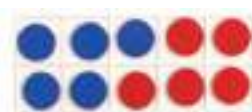
Students can 'see' that it would take another 3 counters to complete the ten frame.



Ten Frames may be used to support students with addition and subtraction.

## Addition

Students can learn the facts that add to ten by placing counters of one color onto the ten frame and then either counting the remaining cells or placing counters of a different color to calculate how many more to ten.



$$5 + 5$$

9

+

6



becomes

10

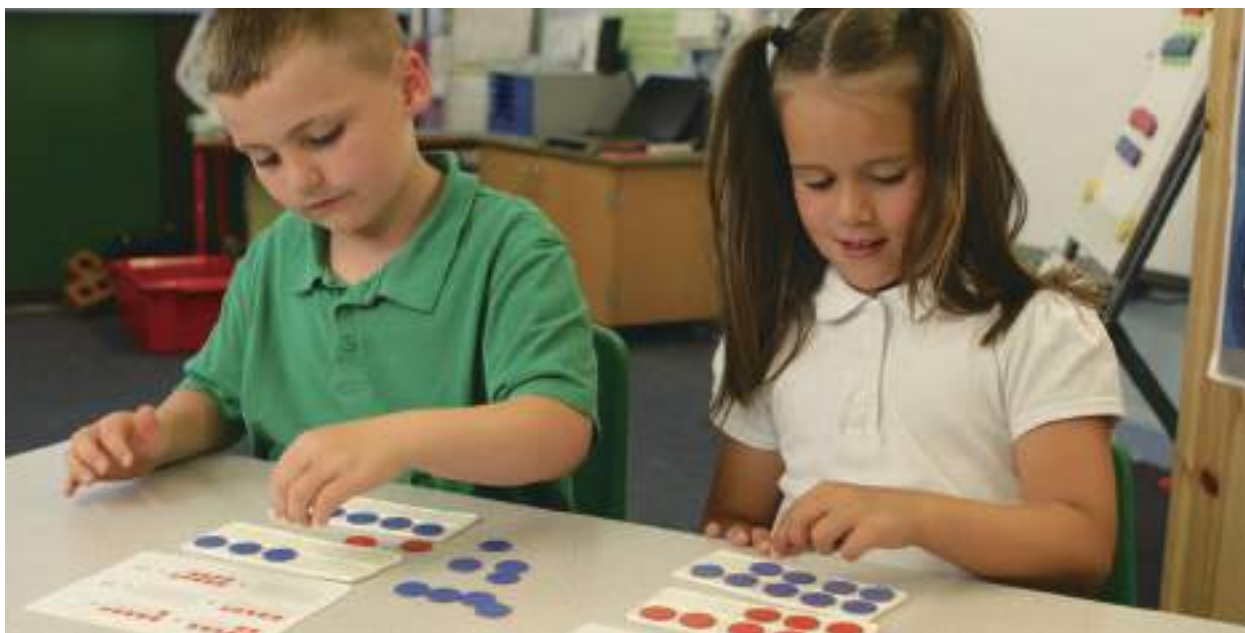
+

5



Combine two  
ten frames to  
bridge 10

2-Color  
Counters  
help  
highlight  
visual  
recognition



Helps children in visualising numbers to develop number sense, and to become proficient in addition and subtraction.

 **Green-n-Learn®**

### Ten Frames Classroom Set

**26208C**

**Set includes :** 16 ten frames and 160 counters in plastic container

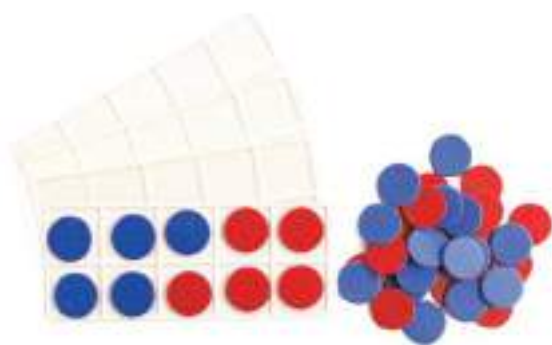
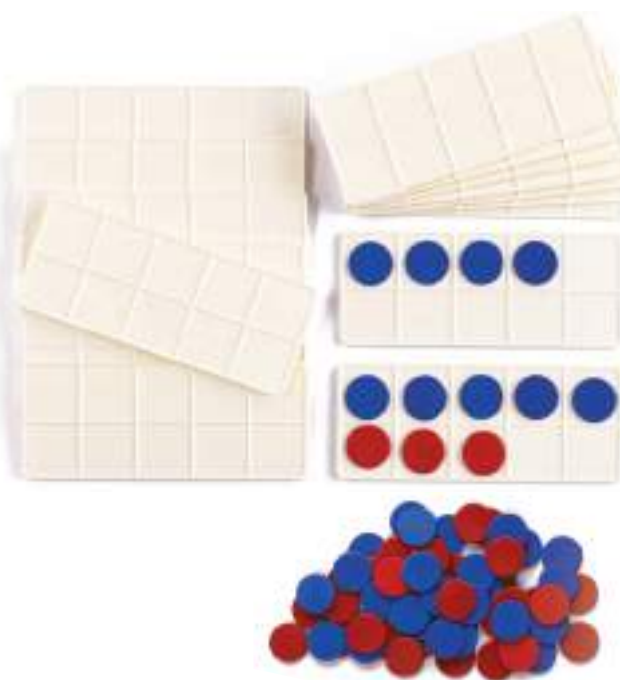
**Size :** ten frame is 16cm x 6.5cm

### Ten Frames Classroom Set

**26203C**

**Set includes :** 16 ten frames and 160 counters in plastic container

**Size :** ten frame is 16cm x 6.5cm



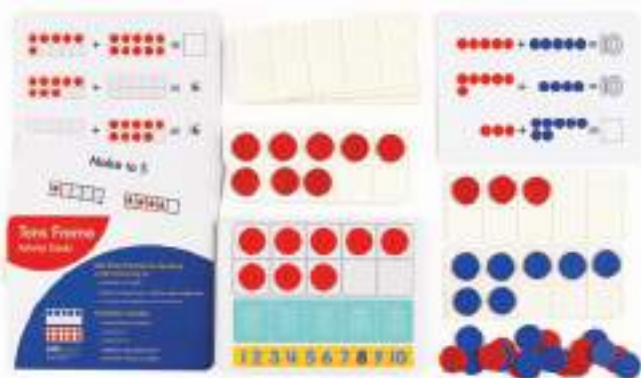
### Ten Frames

**26200**

Helps children in visualising numbers to develop number sense, and to become proficient in addition and subtraction.

**Set includes :** 4 ten frames and 40 counters

**Size :** ten frame is 16cm x 6.5cm



## Ten Frames Activity Set

**26201C**

Develop understanding of number concepts, basic number facts, number recognition, and subitising. Activities include recognizing numbers, make to 5, make to 10, addition and subtraction, and practicing writing numbers.

**Set includes** : 8 ten frames, 80 counters and 16 activity cards in plastic container.

**Size** : ten frame is 16cm x 6.5cm

1" (25mm) dia., plastic counters, double-sided in two colors (red and blue).



**Green-n-Learn®**  
**2-Color Counters**



**13218**

**Set includes** : 200pcs

**Size** : 2.5cm dia.

**2-Color Counters**

**13215**

**Set includes** : 200pcs

**Size** : 2.5cm dia.

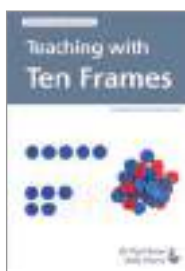
**2-Color Counters**

**13210**

1" (25mm) dia., plastic counters, double-sided in two colors (red and yellow).

**Set includes** : 200pcs

**Size** : 2.5cm dia.



**Teaching with Ten Frames (book)**

**28018**

Please refer to Dr Paul Swan books on pages 198 to 203.

# Rekenrek Manipulatives

The Rekenrek is a math manipulative which has two rows of 10 beads. Each row comprises 5 red beads and 5 white beads. The groupings of 5 red and 5 white beads, allow children to think in terms of groups of 5 and 10. It is more efficient using the 5 and 10 as anchors for counting, addition and subtraction, than counting by 1's. The Rekenrek manipulative allows children to visualise number relationships, and to develop various strategies for addition and subtraction. The Rekenrek is a very effective tool in understanding numbers and their relationships.

**Rekenreks are a powerful tool in assisting children to learn:**

- *counting - by 1, 2, 3, 4, 5 and 10*
- *subitising*
- *addition*
- *subtraction*
- *multiplication*



## Abacus

**40051**

This rekenrek plastic abacus features ten rows of two different colored plastic beads that easily slide back and forth on metal rods. The sturdy plastic frame is designed to add desktop stability for easy student use, and may be used either standing up, or laying flat. An excellent teaching tool for building basic mathematic skills in counting, addition and subtraction.

**Includes :** 1 abacus

**Size :** 21 x 20 x 9cm



## Rekenrek Counting Frame

Plastic frame with two rows of 10 beads, each row comprises 5 red & 5 white beads.

**40909**

**Includes :** 1 frame

**Size :** 7 x 7 x 25cm

**40912**

**Set includes :** 4 frames

**Size :** 7 x 7 x 25cm



### Student Beadstring - 20 beads 40902

10mm beads, in groups of 5 red beads and 5 white beads. Each string has 20 beads.

Set includes : 10 strings

Size : bead is 1cm dia.

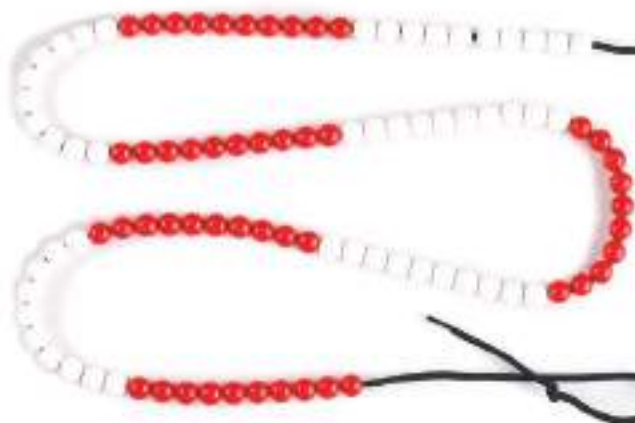


### Student Beadstring - 100 beads 40903C

10mm beads, in groups of 10 red beads and 10 white beads. Each string has 100 beads.

Set includes : 10 strings in plastic container

Size : bead is 1cm dia.



### Teacher Beadstring - 100 beads 40027

18mm beads, in groups of 10 red beads and 10 white beads. Each string has 100 beads.

Includes : 1 string

Size : bead is 1.8cm dia.

### Hundreds Pocket Chart 24010

One hundred clear pockets make this chart perfect for teaching numbers, odds, evens and operations. Different colors on reverse side of the cards can be used to highlight number patterns.

**Set includes :** 1 pocket chart and 119 cards.

**Size :** chart is 68 x 68cm



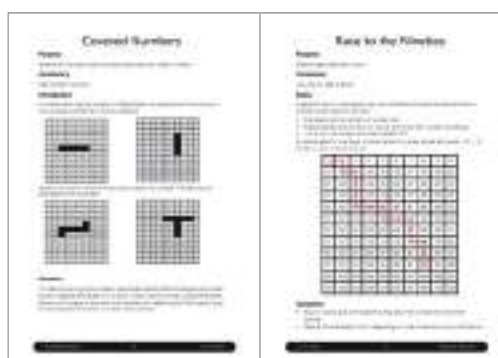
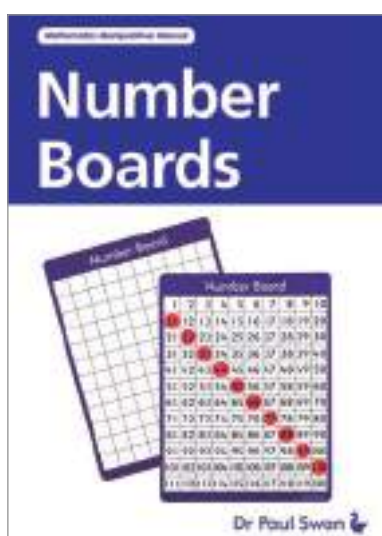
**US Common Core Standards require counting to 120**

### 120 Pocket Chart 240221

One hundred and twenty clear pockets make this chart ideal for teaching numbers, odds, evens and operations. Different colors on reverse side of the cards can be used to highlight number patterns. Chart measures 68 x 81cm.

**Set includes :** 1 pocket chart and 139 cards.

**Size :** chart is 68 x 81cm



### Number Boards (book) 28022

Please refer to Dr Paul Swan bookson pages 198 to 203.

# Number Balance

The Number Balance is an excellent hands-on equivalence tool to show children number relationships and number operations, fraction and simple algebra.



Greater than / less than



$$5 > 2$$

Addition



$$7 + 3 = 10$$

Subtraction



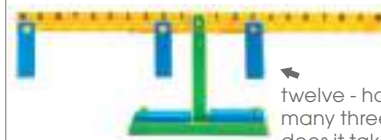
$$4 + ? = 7$$

Multiplication



$$4 \times 3 = 12$$

Division



$$12 \div 3 = 4$$

**40**  
activities



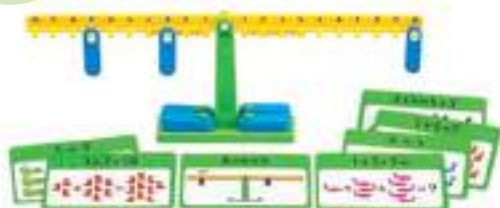
Activity  
Guide

### Student Number Balance Activity Set 25897

Balance is 36cm long and 13cm high,  
20 weights and 20 activity cards included.

Set includes : 1 balance and 20 activity cards

Size : balance is 36cm long and 13cm high



Activity  
Guide

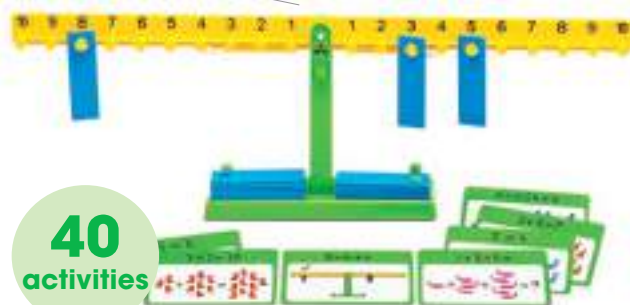
### Number Balance Activity Set 25899

Balance is 65cm long and 22cm high, 20  
weights and 20 activity cards included.

Set includes : 1 balance and 20 activity cards

Size : balance is 65cm long and 22cm high

**40**  
activities



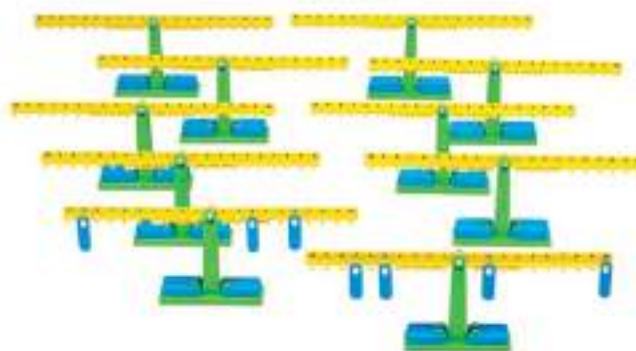
Activity  
Guide

### Student Number Balance 25895

Each balance consists 20 weights,  
balance measures 36cm long and  
13cm high.

Set includes : 10 balances

Size : balance is 36cm long and 13cm high



Activity  
Guide

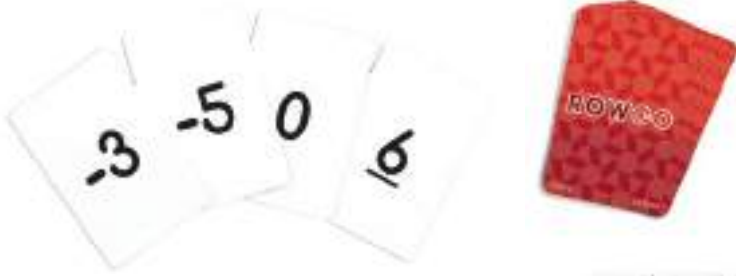
### Number Balance 25898


Two-piece beam for easy storage. Balance is  
65cm long and 22cm high. 20 weights included.


Includes : 1 balance.

Size : balance is 65cm long and 22cm high











**Rowco Playing Cards**  
**260407C**


A card game that involves addition and subtraction and problem-solving and reasoning to maximize your total. Introduces children to negative numbers. Set includes 8 Rowco card decks in plastic storage container. Each card deck has 54 cards.

**Set includes :** 8 decks in plastic container.

**Size :** card is 5.8 x 8.8cm







$9 \times 2 = 18$   
 match  
 $6 \times 3 = 18$

$5 - 3 = 2$   
 match  
 $6 \div 3 = 2$

**Combo Playing Cards**  
**260408C**

A card game for developing fluency in basic number facts (addition, subtraction, multiplication and division). Combine two numbers on the card using the basic number facts to create a third number. Each card deck has 54 cards, card measures 58 x 88mm.

**Set includes :** 8 decks in plastic container.

**Size :** card is 5.8 x 8.8cm

### Games to play:

- memory/matching
- comparing numbers
- ordering numbers
- snap
- reading & saying numbers
- introducing basic facts



#### School Friendly Playing Cards 24536C

Deck of 56 school friendly playing cards with 4 colored shapes set in standard subitising patterns, and 14 numbers (0 -13).

Set includes : 8 decks in plastic container

Size : card is 5.8 x 8.8cm

#### Jumbo School Friendly Playing Cards 24539

0-13 in 4 colored shapes, 56 cards.

Set includes : 1 deck



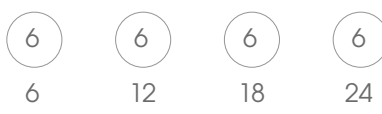

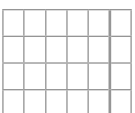
Size : card is 11.5 x 17.3cm



#### Mathematics Games with School Friendly Cards (book)

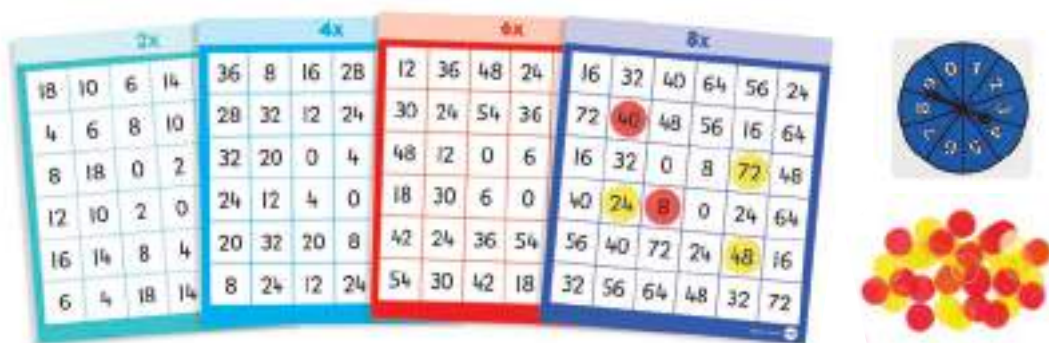
28012

Please refer to Dr Paul Swan books on pages 198 to 203.

	$4 \times 6 = 24$	$24 \div 4 = 6$
<b>Level 1</b> Model / Count all (objects or drawings)	<b>count all</b>  1, 2, 3, 4, 5, 6      7, 8, 9, 10, 11, 12 13, 14, 15, 16, 17, 18      19, 20, 21, 22, 23, 24 I drew 4 groups, with 6 tally marks in each group. When I counted them all, the total was 24. So $4 \times 6 = 24$	<b>Model all</b>  I made an array with 4 rows of dots and added one dot to each row until I had 24 dots. I counted 6 dots in each row, so $24 \div 4 = 6$
<b>Level 2</b> Repeated counting	<b>skip-count</b>  6      12      18      24 I skip-counted by 6 four times, and the total was 24. So $4 \times 6 = 24$	<b>skip-count</b>  I skip-counted by four up to 24, keeping track with my fingers. So $24 \div 4 = 6$
<b>Level 3</b> Use properties, patterns	<b>Distributive property / Decomposition (mentally or written)</b> $4 \times 6 = 4 \times (5 + 1)$ $4 \times 6 = (4 \times 5) + (4 \times 1)$ $4 \times 6 = 20 + 4$ $4 \times 6 = 24$  $6 = 5 + 1$ Use a fact ahead/ behind I know that 5 groups of 6 is 30, and $4 \times 6$ is four groups of 6. If I take one group of 6 away from 30, I get 24. So $4 \times 6 = 24$ .	<b>Inverse relationship of multiplication &amp; division</b> I know that $4 \times 6 = 24$ , so $24 \div 4$ must equal 6. Decomposition/Solve with a known fact $24 = 12 + 12$ $12 \div 4 = 3$ I know that there are two 12s in 24, and I know that $12 \div 4 = 3$ . So I just double the 3 because I need to divide both 12s by 4. So $24 \div 4$ equals 6

Reference: Common Core Standards writing Team (2011). *Progressions for the Common Core State Standards in Mathematics: K, Counting and Cardinality; K-5 Operations and Algebraic Thinking*. Tucson, AZ: Institute for Mathematics and education, University of Arizona.

### Improve fluency in multiplication



#### MultiSpin Bingo 39204

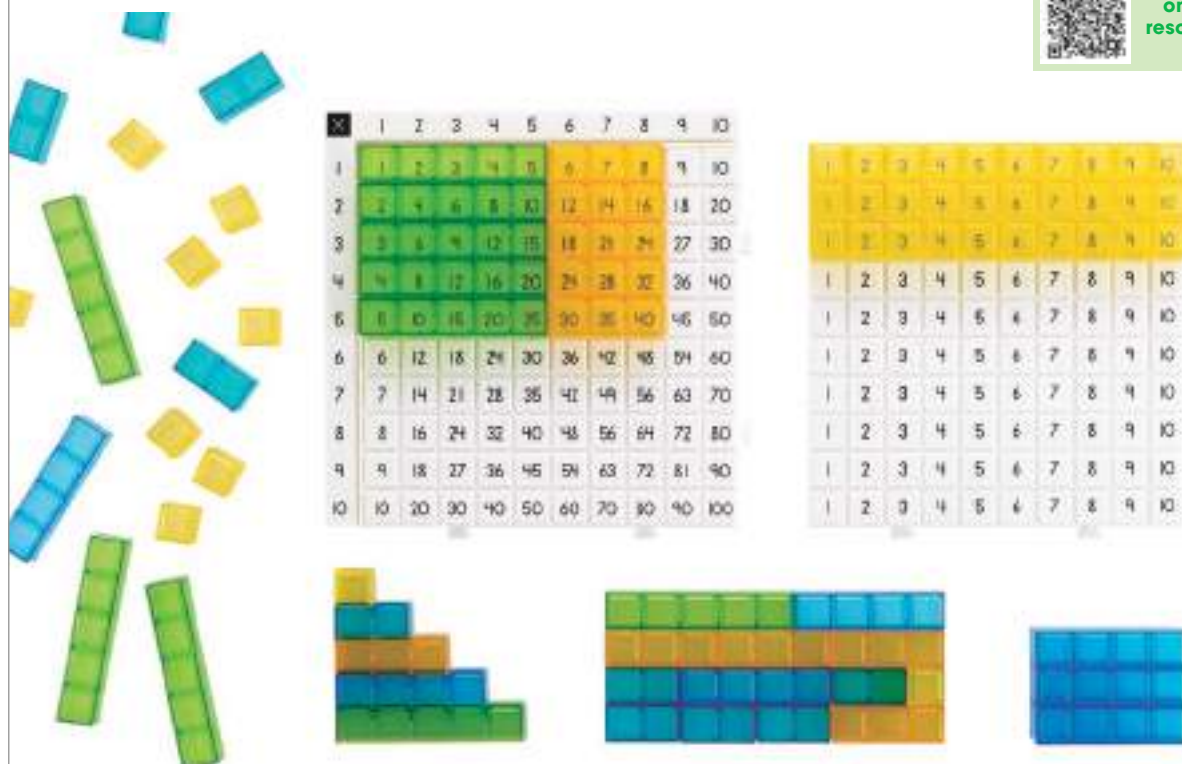
A fun game to practice multiplication. Each card is printed on both sides with 2 different multiplication.

**Set includes** : 4 cards and 1 spinner and 40 counters

**Size** : bingo card is 20 x 23cm

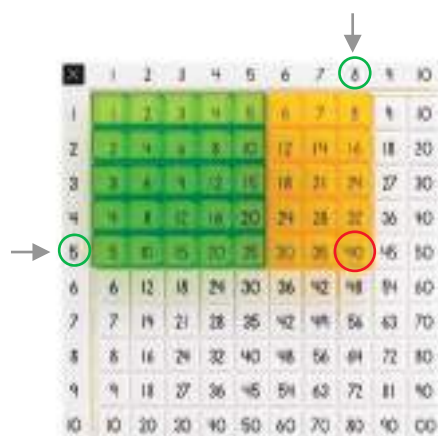


online  
resources



Improve fluency in multiplication

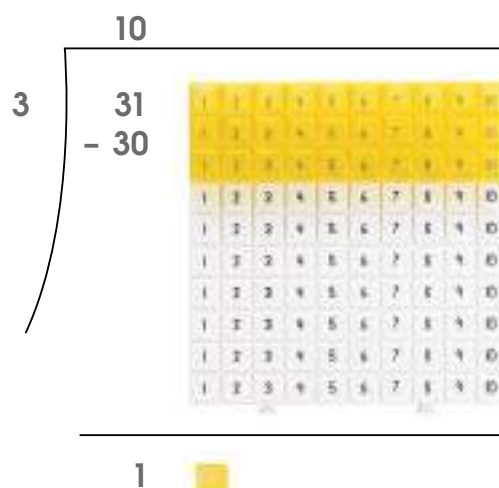
$$8 \times 5 = ?$$



Activity  
Guide

Improve fluency in division

$$31 \div 3 = ?$$



### Visual Math Board 19615

The Visual Math Board is ideal for students to learn early math in basic addition & subtraction along with learning intermediate math in multiplication & division. Students can clearly see and create their equations with translucent rods. The rods are each color coded by size for students to clearly see and understand what they are doing and learning.

**Set includes :** 80 blocks, 1 L frame, 2 baseboard and activity guide and additional activities online

**Size :** baseboard is 20 x 20cm

### Improve fluency in multiplication



#### Multispin 260431

Spinner games designed to improve fluency in multiplication. Based on the bingo concept of placing three counters in a row, column or diagonal. Pairs of children may play different games based on different multiplication facts. Set contains 8 multiplication table games (2x to 9x), and 120 translucent red and yellow counters in a durable ziplock bag.

**Set includes :** 8 games and 120 counters.

**Size :** card is 30 x 21.5cm

### Improve fluency in division



#### Spindiv 260432

Spinner games designed to improve fluency in division. Based on the bingo concept of placing three counters in a row, column or diagonal. Pairs of children may play different games based on different division facts. Set contains 8 division table games (divide by 2 to 9), and 120 translucent red and yellow counters in a durable ziplock bag.

**Set includes :** 8 games and 120 counters.

**Size :** card is 30 x 21.5cm

# Place Value

Place Value comes into play as soon as a child has to count beyond 9. The number 10 involves using the digits 1 and 0, and placing them in a particular order.

- **Counting large sets of objects** - First experiences with place value should involve counting large sets of objects. As children lose track of the count they will “see” the wisdom of grouping sets to make the count easier. Given that we operate in a base ten system, it makes sense to group the objects into tens and ones.
- **Counting and bundling** - Bundling sticks are designed specifically to make the counting and bundling (grouping into tens) process simple. As children count beyond ten they can be taught to bundle ten sticks with a small elastic band. This is a much more efficient way of representing numbers.
- **Link to language** - Bundling sticks may be placed onto a place value mat to make links to the language associated with place value. The position or place of the numbers is emphasised.
- **Base Ten Blocks** - Base Ten blocks are prebundled to save counting and each piece is in proportion to the next - each piece is ten times larger than the next piece, emphasising this characteristic of place value.
- **Representing numbers** - Children need experience with representing numbers. A place value spinner or dice emphasises the Hundreds Tens Ones way of expressing numbers. Initially numbers may be spun up and represented with materials eg Bundling Sticks, Base Ten Blocks.
- **Abstract representation** - Eventually the materials become clumsy and children need to abstract the idea of the place value system.

**Place Value dice may be linked with the following materials to help form the concept:**

- Base Ten Blocks, and Place Value Mats
- Place Value Trains (thousands)
- Place Value Flip Charts (thousands)

**Place Value ideas are extended to large numbers (6 digit and beyond) using:**

- two or more Place Value Spinners side-by-side to emphasise the HTO pattern of numbers
- two three prong Place Value Abacuses joined together to show the number
- a Place Value Flip Chart in the millions

**Decimal Fractions may be represented using many of the same materials:**

- Base Ten Blocks
- Place Value Trains
- Place Value Flip Charts

Place value and basic number facts are combined to perform mental and written calculations so it is important that the foundations of place value are solid.



online  
resources

Join two abacus to generate six-digit numbers

396

504

182

= 21 x



### Place Value Abacus 26105C

Made from recycled plastic! This set comes with 3 stands, 9 rods, 81 abacus beads and 9 number cards.

**Set includes :** 3 stands, 9 rods, 81 abacus beads and 9 number cards in plastic container and additional activities online

**Size :** 1 stand with 3 rods is 13 x 4.2 x 11cm



### Place Value Abacus 26102C

Set comprises 3 stands, 9 rods, 81 abacus beads, 9 sets of 0-9 number tiles.

**Set includes :** 3 stands, 9 rods, 81 abacus beads and 90 number tiles in plastic container

**Size :** 1 stand with 3 rods is 13 x 4.2 x 11cm



### Jumbo Place Value Dice Set 16321C

Classroom dice set, four different colored 10-sided dice representing ones, tens, hundreds and thousands.

**Set includes :** 24 dice in plastic container

**Size :** place value dice is 3.4cm



### Playing with Place Value (book) 28021

Please refer to Dr Paul Swan books on pages 198 to 203.



**10510C**

Activity Guide

### Base Ten

**10510**

**10510C** in plastic container

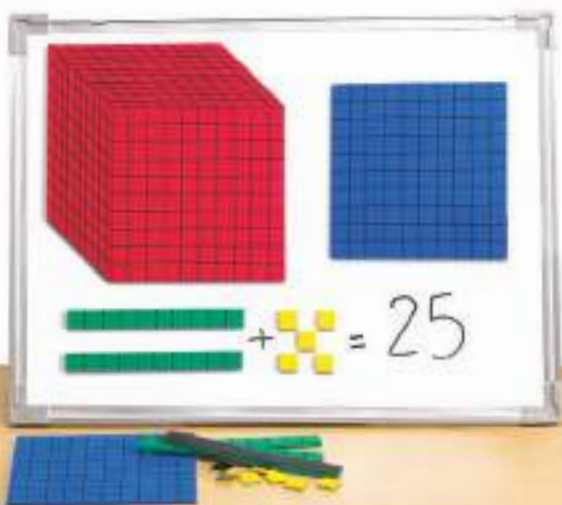
The colors help emphasise the base ten nature of the number system and make it simpler for students and teachers to describe what they are doing as they can refer to the different colors. The set includes 100 yellow units, 1 x 1 x 1cm, 10 green rods, 10 x 1 x 1cm, 10 blue flats, 10 x 10 x 1cm, 1 red cube, 10 x 10 x 10cm.

**Set includes :** 121pcs and activity guide

**Size :** cube is 10 x 10 x 10cm



**10510**



### Foam Magnetic Base Ten

**10810**

100 yellow units, 10 green rods, 10 blue flats, and 1 red 2D cube.

**Set includes :** 121pcs

**Size :** 2D cube is 26 x 26cm



### Base Ten Blocks (book)

**28017**

Please refer to Dr Paul Swan books on pages 198 to 203.



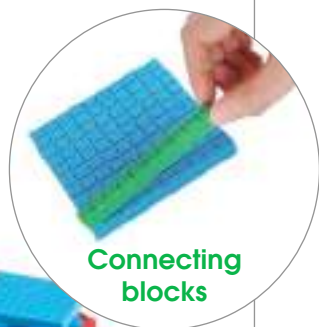
Activity Guide

### Base Ten Classroom Set 10516C

Base Ten materials assist students in understanding the relationship between units, tens, hundreds and thousands. The colors help emphasize the base ten nature of the number system, and make it simpler for students and teachers to describe what they are doing. Set includes 4 red cubes, 30 blue flats, 50 green rods, 100 yellow units, 25-sheet base ten pad, and an activity guide, in a durable plastic container for easy storage. Book is included.

**Set includes :** 184pcs, 25-sheet base ten pad, activity guide and 1 book in plastic container.

**Size :** cube is 10 x 10 x 10cm



Connecting blocks

Activity Guide

### Connecting Base Ten Classroom Set 10559C

Designed to connect together for children to more easily understand the relationship between ones, tens, hundreds and thousands. Also color coded to help emphasize the base ten nature of the number system, and make it simpler for students and teachers to describe what they are doing. Set includes 3 red cubes, 20 blue flats, 200 green rods, 600 yellow units, 25-sheet base ten pad, and an activity guide, in a durable plastic container for easy storage. Book is included.

**Set includes :** 823pcs, 25-sheet base ten pad, activity guide and 1 book in plastic container

**Size :** cube is 10 x 10 x 10cm

These interlocking base ten units cubes, rods and flats are convenient to teach counting, place value, operation, percentage, measurement and more.

The set includes 100 interlocking units,  $1 \times 1 \times 1\text{cm}$ , 20 interlocking rods,  $10 \times 1 \times 1\text{cm}$ , 10 interlocking flats,  $10 \times 10 \times 1\text{cm}$ , 1 cube,  $10 \times 10 \times 10\text{cm}$ .



online  
resources

**Green-n-Learn®**



### Connecting Base Ten Set

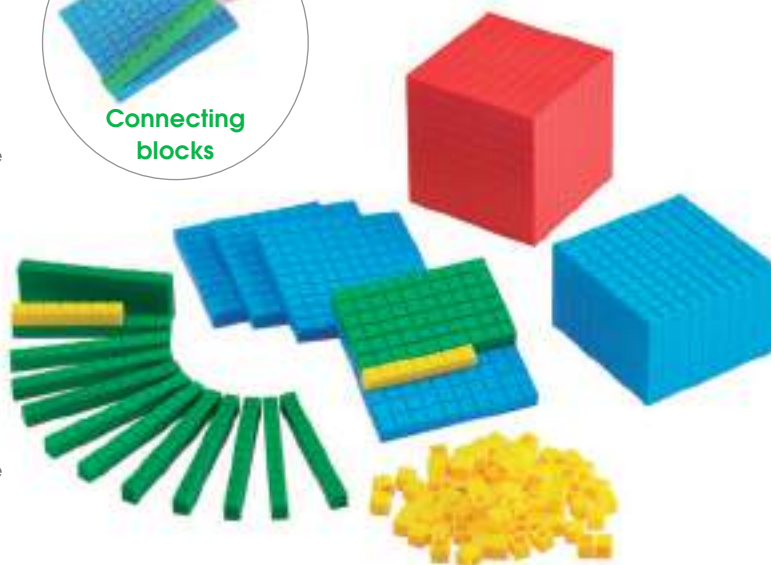
**10548**

**Set includes :** 131pcs and activity guide

**Size :** cube is  $10 \times 10 \times 10\text{cm}$



Connecting  
blocks



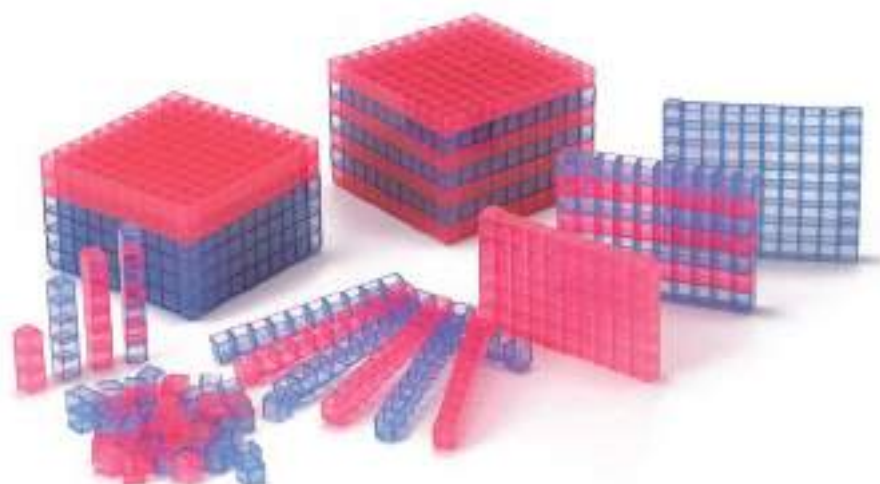
Activity  
Guide

### Connecting Base Ten Set

**10558**

**Set includes :** 131pcs and activity guide

**Size :** cube is  $10 \times 10 \times 10\text{cm}$



### Translucent Interlocking Base Ten

**10550**

Allows the teacher to use the three dimensional units, rods and flats on the overhead projector or light box. Students can better understand the decicube concept of being made of one thousand units. Starter Set, includes 100 units, 30 rods and 15 flats.

**Set includes :** 145pcs

**Size :** flat is  $10 \times 10 \times 1\text{cm}$

## Fractions

Fractions are typically depicted using area or length models. This means that children need some measurement experiences that involve length and area. A rectangle that children partition into equal parts provides an excellent starting point in learning fractions. Squares, circles and other shapes may also be used.



Regions may be partitioned into ten equal pieces to depict decimal fractions. The symbol for three tenths can be  $\frac{3}{10}$  (or equivalent  $\frac{6}{10}$  etc) or 0.3. The square is the ideal region for depicting hundredths or percentages (consider the MAB flat). Decimal fractions follow the place value system.

**Edx has developed a variety of different products based on length or area to support the development of fraction ideas.**

- **Tiles** - these are rectangular regions and require children to compare the lengths of the parts
- **Fraction Squares and Fraction Circles** - some of these are labelled to highlight the fraction symbol, while other pieces are not labelled and allow teachers to highlight the relationship between the pieces.

## Equivalence

The links between different symbols  $\frac{2}{10}$ , 0.2, and 20% may be highlighted by a number of Edx products:

- **Fraction, Decimal and Percentage Tiles** - combining different sets of these tiles
- **Fraction Rings** - help children link fractions decimals and percentages using circular models

Fractions may be generated with the Fraction Dice and linked to fraction materials. Likewise the Equivalence dice may be used with Fraction/Decimal/Percentage Tiles, Fraction Rings, Equivalent Flip Charts and Peg Fraction Lines to help cement the fraction concept.



### Printed Fraction Circles 19035

A set of 51 proportionally-sized pieces representing a whole, halves, thirds, quarters, fifths, sixths, eighths, tenths & twelfths in 9 distinct colors with printing on each piece. In a sturdy plastic case.

**Set includes :** 51pcs

**Size :** a whole measures 8.7cm dia.

### Printed Fraction Squares

**19135**

A set of 51 proportionally-sized pieces representing a whole, halves, thirds, quarters, fifths, sixths, eighths, tenths & twelfths in 9 distinct colors with printing on each piece. Packaged in a sturdy plastic case.

**Set includes :** 51pcs

**Size :** a whole measures 10cm x 10cm



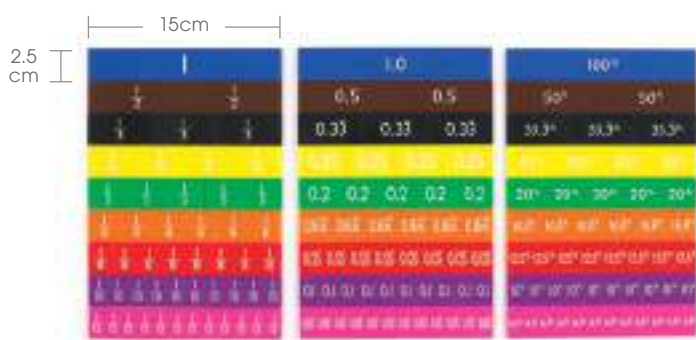
### Solid Fraction Tiles

**19220**

A set of 51 proportionally-sized pieces representing a whole, halves, thirds, quarters, fifths, sixths, eighths, tenths & twelfths in 9 distinct colors with printing on each piece.

**Set includes :** 51pcs

**Size :** a whole measures 20 x 2.5cm



### Equivalence Tiles Set 19156C

Set includes printed mini fraction tiles, decimal tiles, percentage tiles in solid plastic container, a whole measures 15 x 2.5cm.

**Set includes :** 153pcs

**Size :** a whole measures 15 x 2.5cm

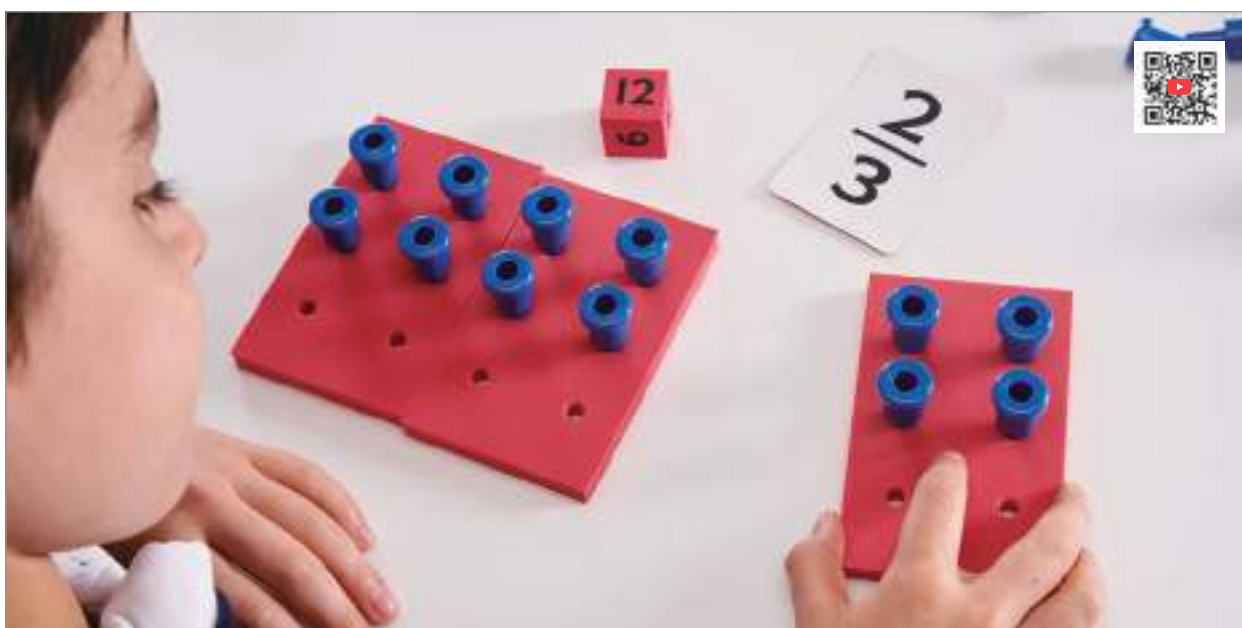
A set of 51 proportionally-sized pieces representing a whole, halves, thirds, quarters, fifths, sixths, eighths, tenths & twelfths in 9 distinct colors with printing on each piece. The image shows several circles on a whiteboard, including a large blue circle labeled '1', a circle divided into two halves labeled  $\frac{1}{2}$ , and a circle divided into three parts labeled  $\frac{1}{3}$ ,  $\frac{2}{3}$ , and  $\frac{1}{3}$ . A hand is placing a small purple piece labeled  $\frac{1}{10}$  onto a circle divided into ten parts. A vertical scale bar indicates 20 cm.

### Jumbo Magnetic Foam Fraction Circles 19060

A set of 51 proportionally-sized pieces representing a whole, halves, thirds, quarters, fifths, sixths, eighths, tenths & twelfths in 9 distinct colors with printing on each piece.

**Set includes :** 51pcs

**Size :** a whole measures 20cm dia.



A set of hands-on components to enable children to find the fraction of a given quantity for example  $\frac{2}{5}$  of 20. It uses foam shapes, pegs, dice and cards to break down the process into manageable stages so that children understand exactly what is happening. The set was produced in conjunction with practising teachers who developed this highly successful method in the classroom.

**Set includes :** 5 foam shapes, 36 pegs, 5 dice and 20 fraction cards

**Size :** circle foam peg board is 20cm dia.

What is  $\frac{2}{3}$  of 12?

$\frac{2}{3}$  of 12 is 8 ✓

Relational attribute blocks have proportionally sized shapes. The small shape is  $\frac{1}{4}$  the size of the corresponding large shape, thus enabling the teaching of fractions. Relational attribute blocks also have the standard features of 2 sizes, 2 thicknesses, 3 colors and 5 shapes.



Activity Guide



### Relational Attribute Blocks

**19522**

Set of 60 solid plastic pieces in an assortment of 2 sizes, 2 thicknesses, 3 colors and 5 shapes. Including a sorting & storage tray. Large square measures 7.5cm sides, all small shapes are  $\frac{1}{4}$  of relative large shapes.

**Set includes :** 60pcs in storage tray

**Size :** large square is 7.5 x 7.5cm



### Sorting Circles

**15710**

Use them singularly or create Venn diagrams for sorting, comparing and attribute work. 3 colors.

**Set includes :** 6pcs

**Size :** 50cm dia.



### Desktop Sorting Circles

**15720**

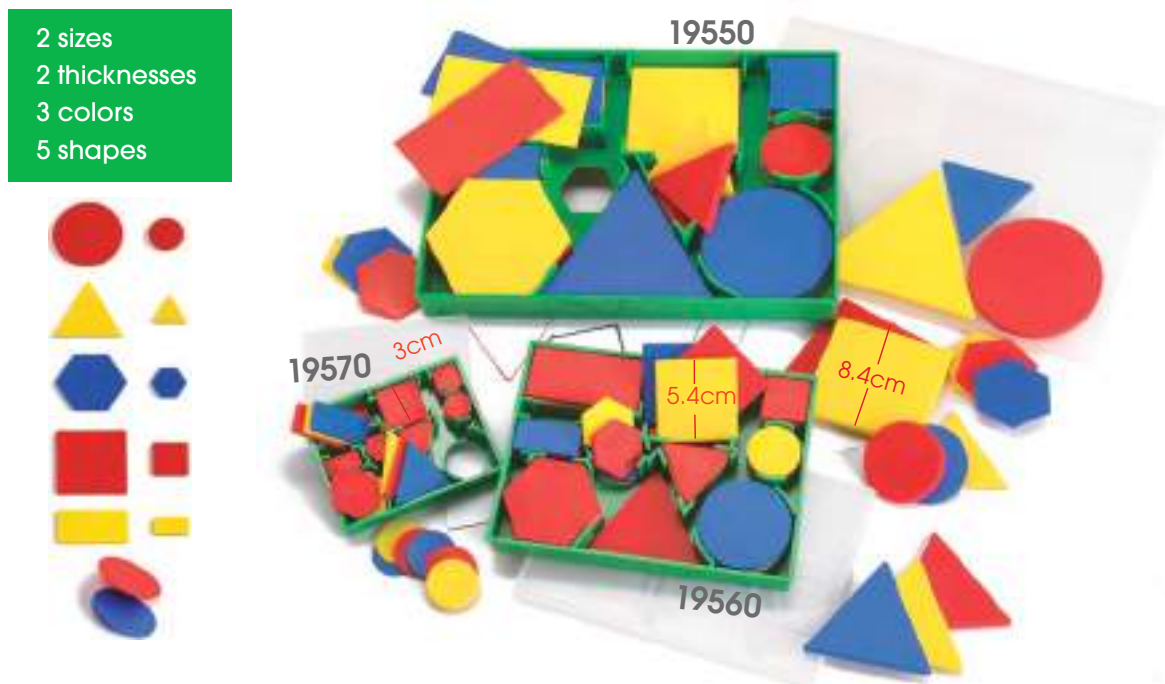
Use them singularly or create Venn diagrams for sorting, comparing and attribute work. 3 colors

**Set includes :** 15pcs

**Size :** 25cm dia.

A multipurpose math manipulative that may be used throughout pre K - 6:

- identify colors and shapes
- sort and classify by attributes (features) - size, thickness, color, and shape
- learn 2D geometric shapes
- develop critical thinking skills through logic and reasoning



### Attribute Blocks

2 sizes, 2 thicknesses, 3 colors and 5 shapes, 60 pieces packaged in a plastic container with sorter lid, the bottom of tray can be used as a template.

Activity Guide

#### Jumbo Attribute Blocks 19550

Set includes : 60pcs in storage tray

Size : large square is 8.4 x 8.4cm

Activity Guide

#### Attribute Blocks 19560

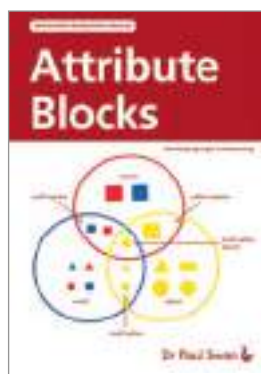
Set includes : 60pcs in storage tray

Size : large square is 5.4 x 5.4cm

#### Pocket Attribute Blocks 19570

Set includes : 60pcs in storage tray

Size : large square is 3 x 3cm



### Attribute Blocks (book)

28011

Please refer to Dr Paul Swan books on pages 198 to 203.

# Geometry

The word Geometry is derived from two Ancient Greek words which mean Earth Measure.

Geometry may be thought of as answering three questions:

- 1. What is it?** Names and properties of 2D shapes and 3D objects
- 2. Where is it?** Location, directions, positions, coordinates
- 3. How does it move or change?** Transformations - reflect (flip), translate (slide), rotate (turn), Enlargement / reduction

Edx Geometry materials may be grouped under these three basic headings:

## 1. What is it?

- 2D shapes
 

<b>GeoStix®</b>	Tangrams
Pattern Blocks	Pentominoes
Geoboards	Geometric Templates
- 3D objects
 

Geometric Solids (wood, plastic or foam)
Geometry Kit
- Linking 2D and 3D
 

Folding 2D3D Geometric Solids
-------------------------------

## 2. Where is it?

X-Y Coordinate Pegboard  
 Geoboards **GeoLand®**  
 Whiteboards with grids

## 3. How does it move or change?

Geoboards **GeoLand®**  
 Reflecting Mirror Geomirror  
 Shapes such as Pattern Blocks and Tangrams may be reflected, translated and rotated (flip, slide, turn).

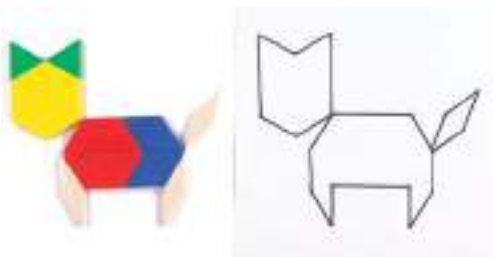
# Pattern Blocks

Pattern Blocks are a versatile manipulative that are used to develop a range of mathematical concepts.

## Geometry and Measurement

### Learn Geometry concepts

Flip, slide and turn by filling spaces



### Line Symmetry



### Rotational Symmetry



### Tessellation

Fitting together without gaps



### Enlargement by Tessellation



### Perimeter and Area

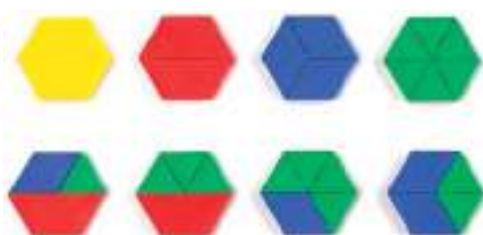


### Explore Angles



## Number

### Fractions



## Spatial Problem Solving



Hexiamonds - how many different shapes made up of six equilateral triangles can you make?

**Plastic**

\*5mm thick

= 42 x



### Pattern Blocks - Solid Plastic 22020

**22020C** in plastic container

**Activity  
Guide**

Made from solid plastic, these 5mm thick pattern blocks are tough enough to withstand years of classroom use.

**Set includes** : 250pcs

**Size** : square pattern block is 2.5 x 2.5 x 0.5cm

 **Green-n-Learn®**

**Pattern Blocks**

**22052**

**22052C** in plastic container

**Set includes** : 250pcs and additional activities online

**Size** : square pattern block is 2.5 x 2.5 x 0.5cm



**online  
resources**

**Plastic**

\*5mm thick

**24  
activities**

### Pattern Blocks 22032

Pattern Blocks are both a play resource and a tool for learning in mathematics which are used to develop a range of mathematical concepts, such as geometry, symmetry, angles, fractions, perimeter and area. A set includes 100 plastic pattern blocks, 12 x 2-sided activity cards with 3 levels of difficulty.

**Set includes** : 100pcs and 12 activity cards

**Size** : square pattern block is 2.5 x 2.5 x 0.5cm

**Plastic**

\*5mm thick

**Activity  
Guide**

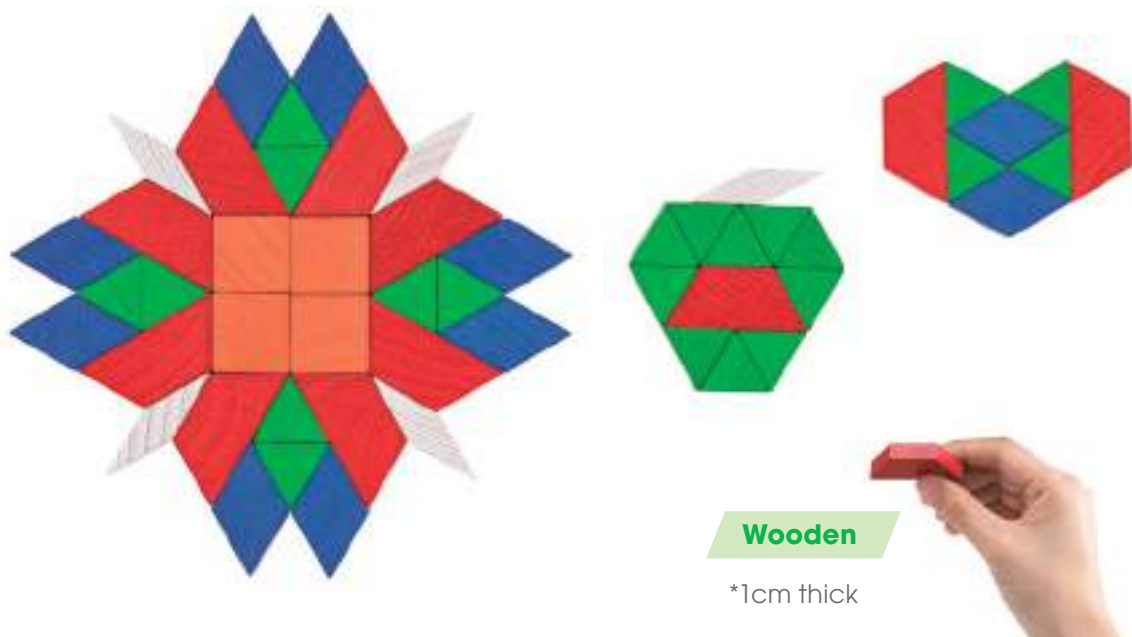
### Pattern Blocks 22026J

6 shapes and 6 colors. Activity guide included.

**Set includes** : 120pcs in jar

**Size** : square pattern block is 2.5 x 2.5 x 0.5cm





### Pattern Blocks - Wooden 22010

1cm thick wood pattern blocks in the classic shapes and colors.

**Set includes** : 250pcs

**Size** : square pattern block is 2.5 x 2.5 x 1cm



### FunPlay Pattern Blocks 22014

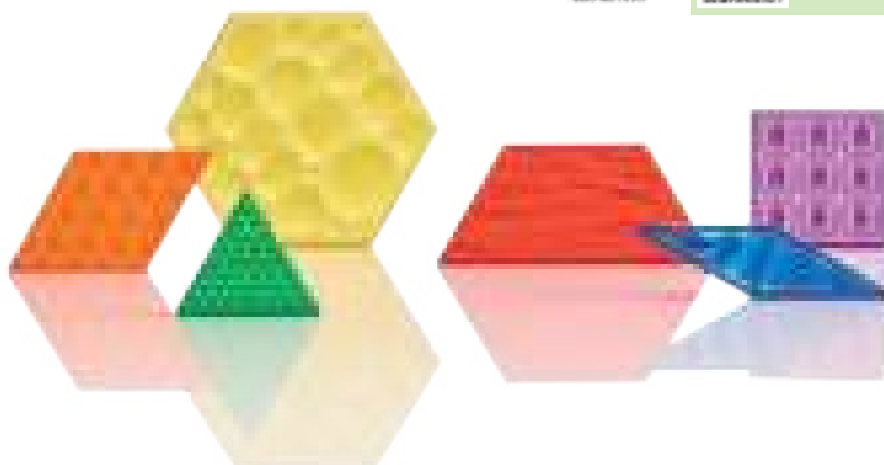
Pattern Blocks are both a play resource and a tool for learning mathematics which can be used to develop a range of mathematical concepts, such as geometry, symmetry, angles, fractions, perimeter and area. Set includes 60 wooden pattern blocks in 6 shapes with 25 x 2-sided activity cards and a Fun<sup>2</sup> Messy Tray.

**Set includes** : 60pcs, Fun<sup>2</sup> messy tray and 25 activity cards

**Size** : square pattern block is 2.5 x 2.5 x 1cm



online  
resources



18m+ No small parts

### Translucent Sensory Pattern Blocks

22068C

Ideal for light box activities. The textured pattern blocks stimulate children to learn geometric shapes through sensory learning. Each of the 6 pattern block shapes feature a different tactile texture. 60 pieces in 6 colors.

**Set includes :** 60pcs and additional activities online in plastic container

**Size :** square pattern block is 5 x 5 x 0.5cm



online  
resources

18m+ No small parts



### Sensory Pattern Blocks

22066

Made from recycled plastic! The textured pattern blocks stimulate children to learn geometric shapes through sensory learning. Each of the 6 pattern block shapes features a different tactile texture. This set comes with 12 double-sided activity cards that encourage children to learn about shapes while developing problem-solving skills through fun activities. 40 pieces in 4 colors.

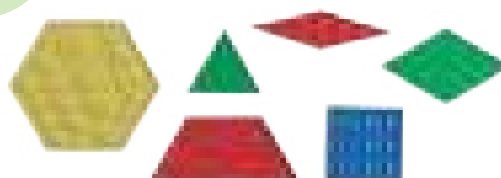
**Set includes :** 40pcs ,12 activity cards and additional activities online

**Size :** square pattern block is 5 x 5 x 0.5cm

24  
activities



= 15 x





### Translucent Pattern Blocks

**22108J**

6 shapes, 6 colors.

Set includes : 120pcs in jar

Size : square block is 2.5 x 2.5cm



**Ideal for light box play**



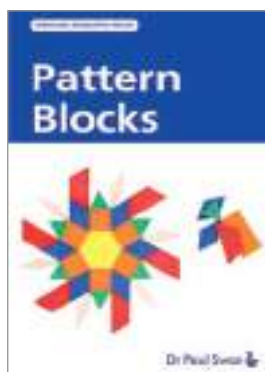
### Pattern Block Picture Cards

**22290**

Set of 23 x A4 double-sided pattern cards, ideal to practice matching skills and fitting shapes together. Double-sided provides 2 levels of difficulty.

Set includes : 23 activity cards

Size : A4



### Pattern Blocks (book)

**28016**

Please refer to Dr Paul Swan books on pages 198 to 203.

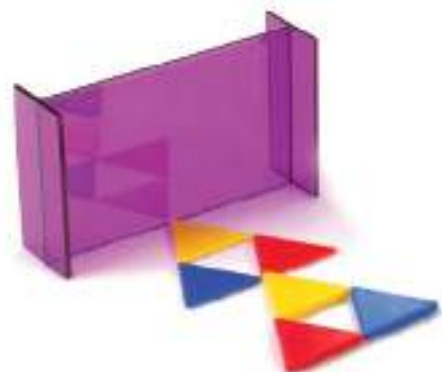
### Geomirror

**39180**

An excellent aid for teaching the basics of geometry including symmetry, line reflections, transformations and congruence. Designed for either left or right handed students. Purple translucent polystyrene plastic.

Includes : 1 mirror

Size : 15 x 10cm



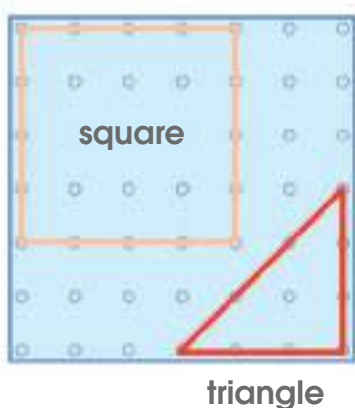
# Geoboards

Geoboards were invented by the Egyptian mathematician Caleb Gattegno in the 1950's as a manipulative for teaching geometry in schools. Geoboards consist of a series of spaced pins on a board which are laid out in varying patterns – square, isometric or circular.

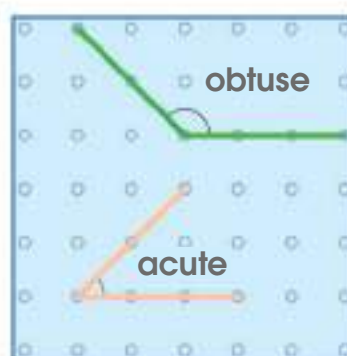
Elastic bands are placed around the pins on the Geoboard to form lines and shapes.



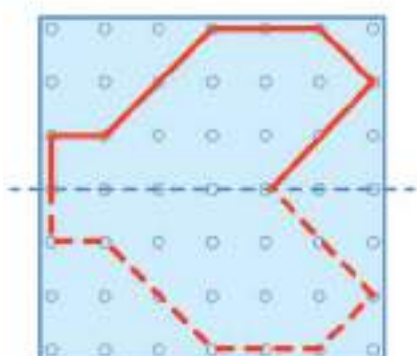
## Shapes



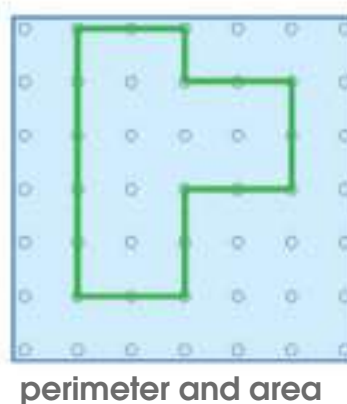
## Angles



## Symmetry



## Measurement





5 x 5 pin  
grid array



24-pin  
circular array



### Geoboards 6" 20140

Activity  
Guide

These colorful double-sided 6" (15cm) square geoboards feature a 24-pin circular array on one side and a 5 x 5 pin grid array on the other. 6 pieces shrink wrapped.

**Set includes :** 6 geoboards and 120 elastic bands

**Size :** 15 x 15cm



11 x 11 pin  
grid array



11 x 11 triangular  
pin array

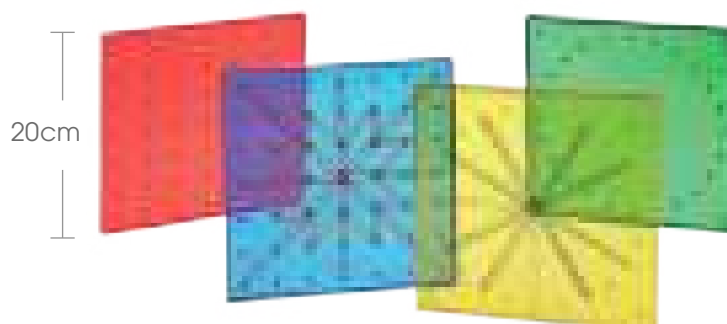
Activity  
Guide

### Geoboards 9" 20040

These colorful isometric 9"(23cm) square geoboards are double-sided with an 11 x 11 pin grid array on one side and an 11 x 11 triangular pin array on the other. 6 pieces shrink wrapped.

**Set includes :** 6 geoboards and 120 elastic bands

**Size :** 23 x 23cm



### Translucent Geoboards 20182

This set contains 4 translucent colorful geoboards, two with 7 x 7 pins and two with a 24-pin circular array. Geoboard measures 8"(20cm) square. Ideal for playing on light box.

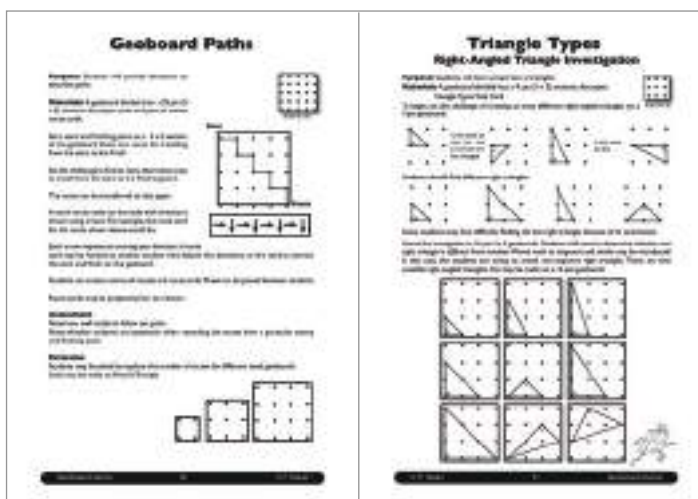
**Set includes :** 4 geoboards and 80 elastic bands

**Size :** 20 x 20cm



### Geoboard Gems (book) 28014

Please refer to Dr Paul Swan books on pages 198 to 203.

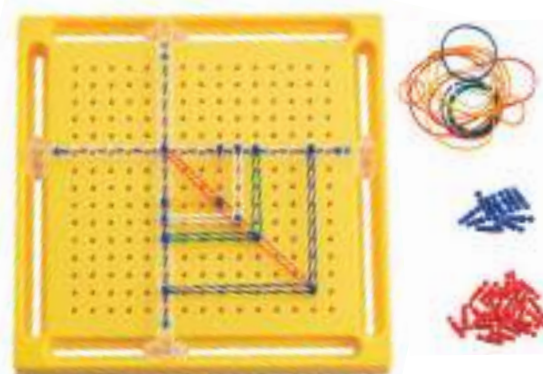


### X-Y Coordinate Pegboard 20700

This peg board has two sliding axes lines that allow students to do algebraic thinking. Using the pegs and rubber bands that come with the board students are able to do functions, conic sections, and line segments. Set includes 50 pegs in 2 colors (red and blue), 20 rubber bands and one pegboard.

**Set includes :** 1 pegboard, 50 pegs and 20 elastic bands

**Size :** 24.5 x 24.5cm



### Pentominoes 23230C

Made from solid plastic, durable for classroom use. Teach perimeter, area, tessellations as well as traditional pentominoes' activities. 6 colors.

**Set includes :** 72pcs in plastic container

**Size :** the longest pentominoe is 12.5 x 2.5cm



Flexible sticks in different lengths that snap together at multiple points allowing students to investigate planar geometry. An ideal hands-on manipulative for students to explore geometric concepts.

#### Triangles



equilateral

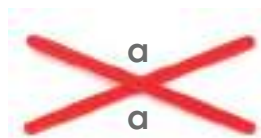


isosceles

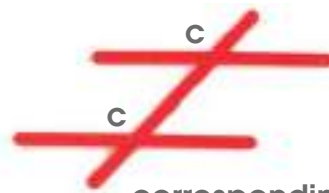


scalene

#### Angles



opposite



corresponding

#### Quadrilaterals



square



rectangle



parallelogram








Activity Guide

### GeoStix® 21362

8 different length flexible sticks, size range from 2.5cm to 15cm. 2 protractors included.

**Set includes :** 80 sticks, 2 protractors and activity guide

**Size :** the longest stick is 15cm

Parts									
Quantity	x12	x12	x12	x12	x8	x8	x8	x8	x2

### GeoStix® 21366C













8 different length flexible sticks, size range from 2.5cm to 15cm, with quadrants and semi-circles. 2 protractors included.

**Set includes :** 100 sticks, 2 protractors and 16 activity cards in plastic container

**Size :** the longest stick is 15cm

28  
activities



Parts												
Quantity	x12	x12	x12	x12	x8	x8	x8	x8	x16	x4	x2	x16

**16**  
activities

Activity  
Guide

**GeoLand® Classroom Set**

\*pattern blocks not included

**22248**

GeoLand® is an ideal STEAM product as it links science and mathematics. Students explore the geometry of symmetry and reflection, and the science of light and reflections. Examine the number of images reflected from an object by changing the angle of the mirrors.

**Set includes :** 10 mirrors, 4 plastic frame, 8 activity cards and additional activities online

**Size :** plastic frame is 30 x 15.5 x 1cm



online  
resources

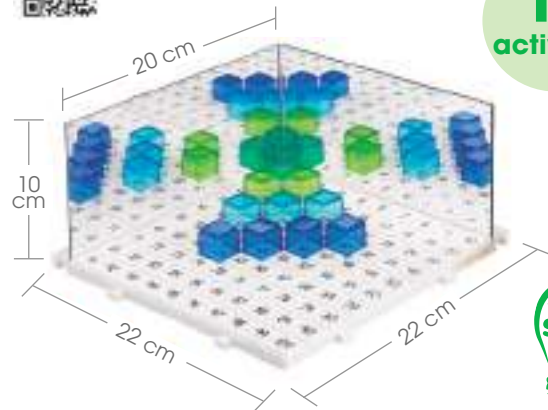
### Reflection Activity Set

**19611**

The Reflection Activity Set helps stimulate children's imaginations to explore symmetry and reflection with their creative designs. Children also develop problem-solving and critical thinking skills while familiarizing themselves with numbers when creating the 2D and 3D activity card designs!

**Set includes :** 100 translucent cubes, 1 number board, 1 L frame, 2 mirrors and 1 activity booklet

**Size :** number board is 22 x 22cm



**16**  
activities



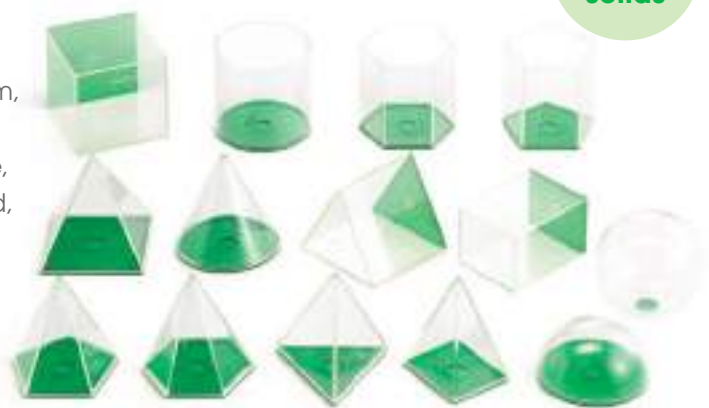
### Geometric Volume Set

**21335**

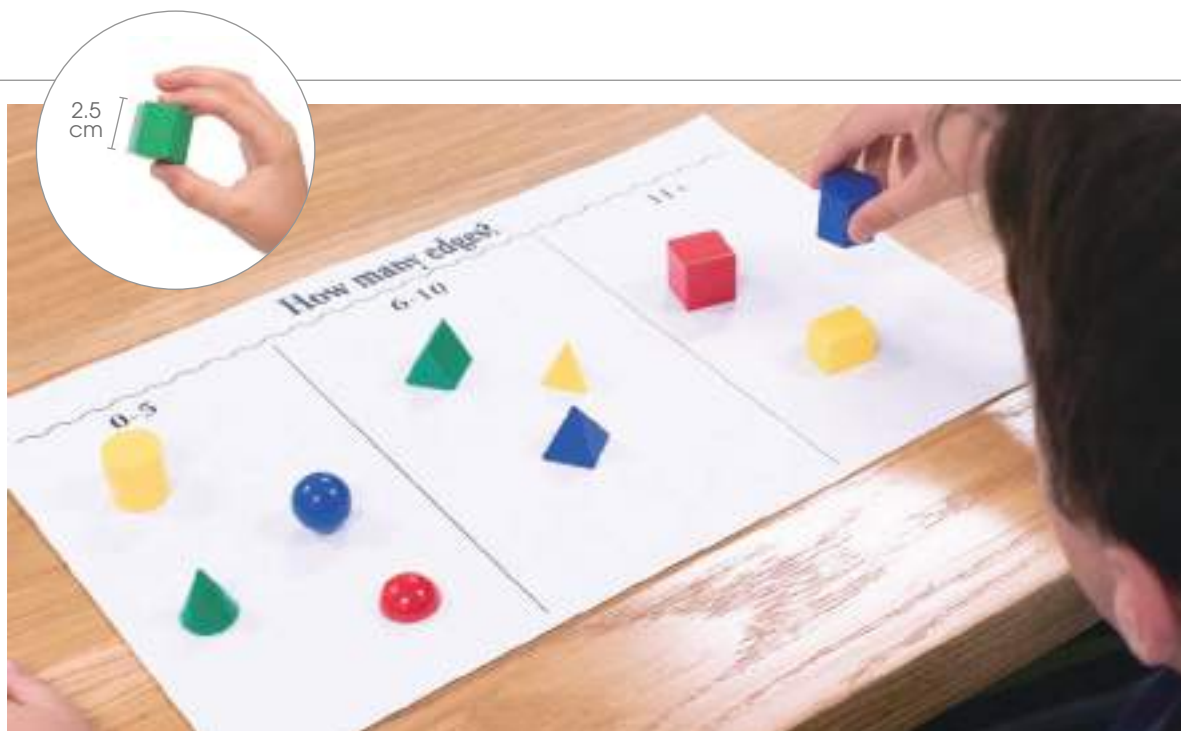
Explore geometric relationships and volumes. Set of 14 solids with lids including cube, cylinder, triangular prism, rectangular prism, pentagonal prism, hexagonal prism, square pyramid, cone, triangular pyramid, rectangular pyramid, pentagonal pyramid, hexagonal pyramid, sphere and hemisphere. Made of durable plastic, with rounded corners and edges.

**Set includes :** 14 solids

**Size :** 8cm base



**14**  
solids



### Geometric Solids 1" (25mm) 21354

Engage children in understanding geometric solids and shapes with this hands-on resource. Set includes ten different geometric solids (sphere, hemisphere, triangle prism, rectangular prism, cube, hexagonal prism, triangle pyramid, pyramid, cone and cylinder), made of quality plastic with a smooth finish.

**Set includes :** 40 solids

**Size :** 2.5cm base

**40**  
solids



**12**  
solids



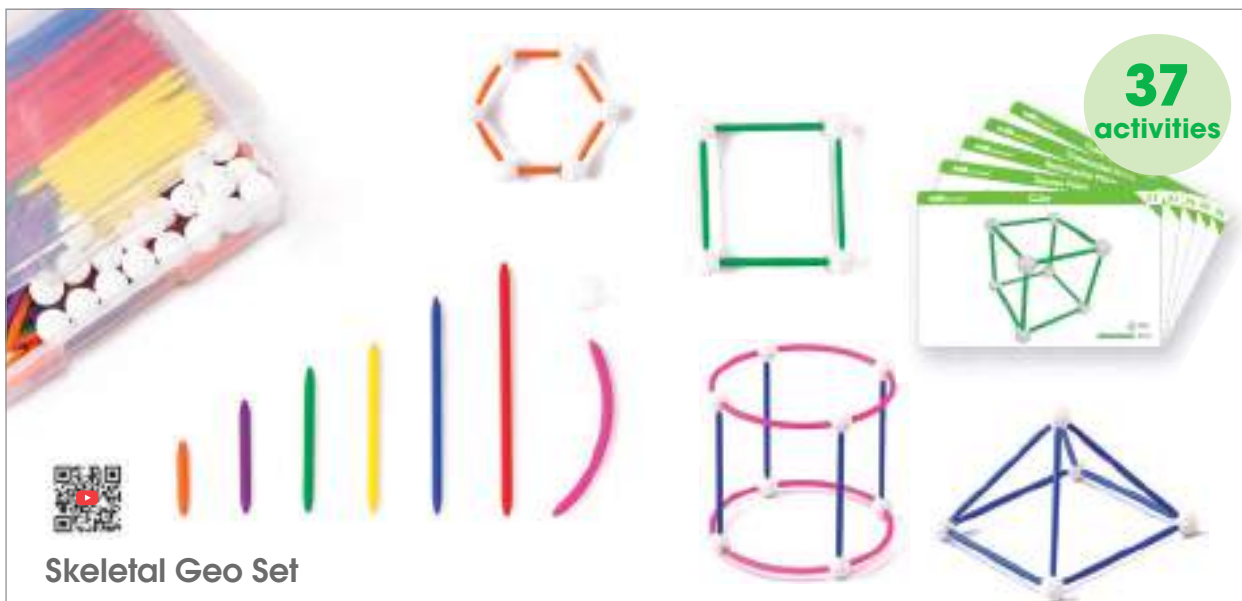
**Activity**  
**Guide**

### Geometric Solids 21317

Set of 12 geosolids including cube, cone, cylinder, triangular prism, square pyramid, triangular pyramid, sphere, hemisphere, rectangular prism, pentagonal pyramid, pentagonal prism, and hexagonal prism. Made of durable plastic, with rounded corners and edges.

**Set includes :** 12 solids

**Size :** 8cm base



### Skeletal Geo Set 21373C

Make your own 2D figures and skeletal 3D models. Learn about vertices, faces and edges while involved in constructing new models. 330 pieces, includes 60 white balls. 50 sticks, each of 3.3cm, 5.3cm, 6.9cm, 30 each of 8.2cm, 10.5cm, 12.5cm and 30 x 1/4 circles with 20 x 2-sided activity cards.

**Set includes :** 240 sticks, 30 quarter circles, 60 balls and 20 activity cards in plastic container

**Size :** the longest stick is 13cm

Shape									
Quantity	x50	x50	x50	x30	x30	x30	x30	x60	x20

### 3D solids with their corresponding 2D nets



Cube



Cone



Cylinder



Square pyramid



Triangular Pyramid



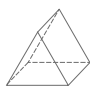
Rectangular pyramid



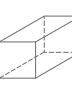
Pentagonal pyramid



Hexagonal pyramid



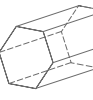
Triangular Prism



Rectangular prism



Pentagonal prism



Hexagonal prism

**12**  
solids

Activity  
Guide

### 2D3D Geometric Solids 21347

Advanced set of 12 folding 2D3D geosolids including cube, cylinder, cone, triangular prism, square pyramid, triangular pyramid, rectangular pyramid, pentagonal pyramid, hexagonal pyramid, rectangular prism, pentagonal prism, and hexagonal prism. Ideal for exploring the properties of 3D solids, relationships between 2D shapes and 3D solids, volume and capacity, and surface area. Set includes 12 solids made of durable plastic with rounded corners and edges, and 12 corresponding folding nets in 5 colors made from soft plastic. Activity guide included.

**Set includes :** 12 solids and 12 folding nets

**Size :** 8cm base

with folding nets

**6**  
solids

Activity  
Guide

### 2D3D Geometric Solids 21348

Introductory set of 6 folding 2D3D geosolids including cube, cylinder, cone, triangular prism, square pyramid and triangular pyramid. Ideal for exploring the properties of 3D solids, relationships between 2D shapes and 3D solids, volume and capacity, and surface area. Set includes 6 solids made of durable plastic with rounded corners and edges, and 6 corresponding folding nets in 3 colors made from soft plastic. Activity guide included.

**Set includes :** 6 solids and 6 folding nets

**Size :** 8cm base

with folding nets

# Measurement

Measurement is used to answer three questions:

- Which is bigger (longer, heavier....)?
- How big?
- How much bigger?

When learning to measure, students:

- Become aware of the attribute to measure eg length, area, volume, mass, capacity, time, angle...
- Learn to seriate, that is put items in order according to the attribute eg long longer longest
- Measure things by comparison with a unit eg cm, litres, minutes (any product with a calibrated scale)
- Develop estimation about the size of things
- Use formulae to calculate the size of things given some measurements (prisms, pyramids, Archimedes Measure)



Resettable counter



Easy adjustable handle for 4 different lengths

Activity Guide

## Trundle Wheel

Our trundle wheel makes measuring long distances easy with it's non-slip rubber tire, it's multiple adjustment length handle and it's optional counter.

**25690** with counter

**25691** without counter

**Includes :** 1 Trundle Wheel

**Size :** max 94cm long





Activity Guide

### Pan Balance 25194

This large one liter pan balance is made from durable plastic and features 1000mL graduated pans for easy weighing of solids and liquids. Includes masses, 5 x 5g and 5 x 10g.

**Set includes :** 1 balance and 10 masses

**Size :** assembled dimensions 55 x 29cm



Activity Guide

### Pan Balance 25192

This strong and durable pan balance features translucent 500mL graduated pans. Sliding compensator is for calibration.

**Includes :** 1 balance

**Size :** assembled dimensions 50 x 24cm



\*masses not included.

Activity Guide

### Bucket Balance 25205

This durable plastic balance is designed for learning weight and hands-on measurement. The clear removable graduated buckets are easy for small hands to pour and measure. Buckets hold solids or liquids up to 1000mL. Sliding compensator is for level and accurate measurements.

**Includes :** 1 balance

**Size :** assembled dimensions 47 x 13 x 17cm



Activity Guide

### Bucket Balance 25201

This durable plastic balance is designed for learning weight and hands-on measurement. The clear removable graduated buckets are easy for small hands to pour and measure. Buckets hold solids or liquids up to 500mL. Sliding compensator is for level and accurate measurements.

**Includes :** 1 balance

**Size :** assembled dimensions 40 x 11 x 15cm

### Junior Balance

**25836**

A great tool to teach young children balancing concepts. Two 500mL clear buckets carry weights or counters. There are two colored lids used as platforms which are easy for children to use. 24 bear weights included.

**Set includes :** 1 balance and 24 bear counters

**Size :** assembled dimension 37 x 12 x 14cm



\* Tug not included.



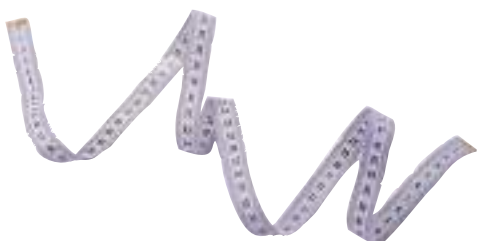
### Classroom Thermometer

**25965**

This oversized thermometer features a large, accurate 30cm glass magnifying tube, kerosene filled. Range is -40 degree to 50 degree centigrade and -40 degree to 120 degree Fahrenheit.

**Includes :** 1 thermometer

**Size :** 38cm tall



### Tape Measure

**25210**

A set of 10 one meter tape measures marked in centimeters and millimeters.

**Set includes :** 10pcs

**Size :** 100cm long



### Folding Meter Sticks

**25260**

1m, a pack of 5 plastic meter sticks calibrated in cm and inches. Each meter stick conveniently folds into four sections for easy storage.

**Set includes :** 5pcs

**Size :** 100cm long

### Measuring Scale 25905

Analogue kitchen scale allows children to explore, compare and measure weights of liquids and objects. Removable plastic pan and zero adjustment knob for easy use. Scale is calibrated in both kg and g. Capacity 5kg.

**Includes :** 1 scale

**Size :** 18.5 x 14 x 24.5cm



\* Capacity  
5kg.

\*Pebbles are not included.



\* Capacity  
3kg.

\*Cubes are not included.

### Digital Scale 25906

Electronic scale with 3kg (6.5lbs) capacity, suitable for accurate weighing measurement activities. Digital readout in grams or ounces and zero adjustment function. Accurate to within +/- 1 gram, two batteries (AAA) included.

**Set includes :** 1 scale and 2 batteries

**Size :** 21.5 x 15.6 x 3cm

### Centimeter Cubes 13510

**13510C** in plastic container

These 1cm cubes weigh 1 gram and come in 10 bright colors. Each cube displaces 1 cubic centimeter of water. Teach number, measurement (volume) and chance concepts. 10 colors.

**Set includes :** 1000 cubes

**Size :** 1 x 1 x 1cm





### Liquid Volume Measurement Set

**25079**

Including 5 nesting measuring bottles, 3 measuring jugs, 5 measuring cups, and 6 measuring spoons.

**Set includes :** 19pcs

**Size :** the largest bottle is 26cm high and 15cm dia.



### Graduated Cylinders

**25010**

These sturdy plastic cylinders feature easy-to-read increments. Capacity of 10, 25, 50, 100, 250, 500 and 1000mL. Perfect for making measurements and conducting experiments. Tallest measures 28.5cm.

**Set includes :** 7 cylinders

**Size :** the tallest cylinder is 28.5cm

### Basic Geometric Volume Set

**25030**

Explore volume concepts by pouring from one container into another. Learn that the volume of a cone is one-third the volume of the associated cylinder. Set includes 6 clear plastic shapes: cone, sphere, cylinder, cube, pyramid and rectangular prism.

**Set includes :** 6pcs

**Size :** 10cm base





Activity Guide

### Learn Time Classroom Set 25824

Large classroom clock set, 1 demonstration clock and 24 student clocks.

**Set includes :** 1 demo clock and 24 student clocks

**Size :** student clock is 11cm dia., demo clock is 30cm dia.

Activity Guide

### Time Clock - 12hr 25815

Made of durable molded plastic with color coded geared hour and minute hands. Large 12 hour markings make it easy for the student or teacher to demonstrate time telling. The student clocks have built in stands for desktop use.

**Set includes :** 6 clocks

**Size :** 11cm dia.



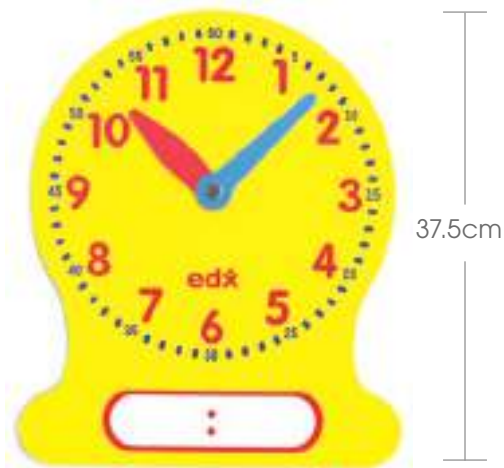
Activity Guide

### Time Clock - 12hr 25822

Made of durable molded plastic with color coded geared hour and minute hands. Large 12 hour markings make it easy for the student or teacher to demonstrate time telling. The demo clock has built in stands for desktop use.

**Includes :** 1 clock

**Size :** 30cm dia.



Write-on/Wipe-off

### Magnetic Demo Clock

**25800**

Easy to read large hour and minute markings, write and wipe digital time area, and color coded hour and minute hands that move. This makes our magnetic demo clock a great time teaching tool.

**Includes :** 1 clock

**Size :** 30 x 37.5cm



Write-on/Wipe-off

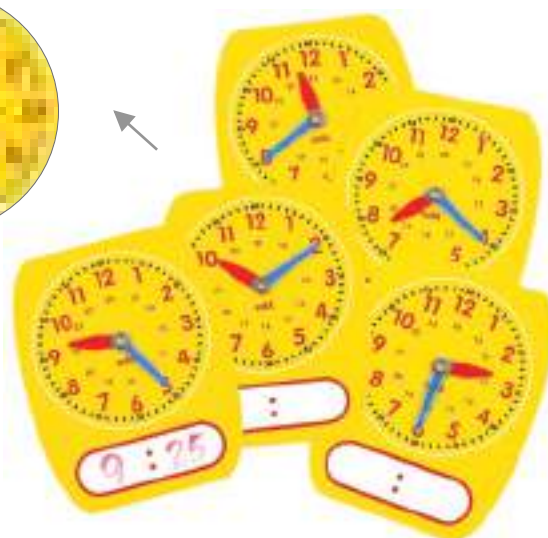
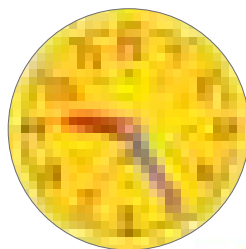
### Clock Dial - 12hr

**25615**

These easy-to-use clock dials are ideal for reinforcing students' relationship with analogue and digital time. Made of durable polypropylene, the write-on, wipe-off clock dials feature movable plastic hands to encourage students' participation.

**Set includes :** 5pcs

**Size :** 12.5 x 16cm



Write-on/Wipe-off

### Clock Dial - 24hr

**25618**

These easy-to-use clock dials are ideal for reinforcing students' relationship with analogue and digital time. Made of durable polypropylene, the write-on, wipe-off clock dials feature movable plastic hands to encourage students' participation.

**Set includes :** 5pcs

**Size :** 12.5 x 16cm



Activity Guide

### Clock Time Kit

**25634**

Edx Education's Clock Time Kit has been designed by experienced early years professionals to make learning time fun and easy! Children develop digital and analogue time telling skills through picture activities that correlate to every day life. This set engages and encourages students to learn digital and analogue time while learning 'time language' such as o'clock and half past.

**Set includes :** 1 clock, 25 flash cards, 8 task cards(write-on/wipe-off), 2 clock dials(write-on/wipe-off) and activity guide

**Size :** clock is 11cm dia.

### Time Flip Chart

Using this freestanding flip chart to teach telling the time, and matching digital and analogue time. The clock face has movable color coded hands, easy for children to coordinate the hands on the clock face and the time on the flip chart.

**25806**

**Set includes :** 10 flip charts

**Size :** 32 x 9cm

**25807**

**Includes :** 1 flip chart

**Size :** 47 x 15cm





### 6 kinds of dice

#### Classroom Dice Set 16076C

This classroom set is a great tool to teach number concepts, place value, fractions, equivalence, and probability. Set includes dot dice, place value dice, equivalence dice, number and operations dice, polyhedral dice, and fractions dice.

**Set includes :** 56 dice in plastic container

**Size :** dot dice is 1.6 x 1.6 x 1.6cm

### 48 x dot dice / 24 x 10-sided dice

#### Basic Classroom Dice Set 16084C

Every classroom should have this set of dot dice and 10-sided dice. Ideal for learning basic addition and subtraction. Set includes 48 x 16mm dot dice in 4 colors, and 24 x 10-sided dice in 2 colors.

**Set includes :** 72 dice in plastic container

**Size :** dot dice is 1.6 x 1.6 x 1.6cm



### 24 x Place Value Dice

#### Jumbo Place Value Dice Set 16321C

Classroom dice set, four different colored 10-sided dice representing ones, tens, hundreds and thousands.

**Set includes :** 24 dice in plastic container.

**Size :** place value dice is 3.4cm

# CLASSROOM RESOURCES



### Plastic Dry Erase Boards

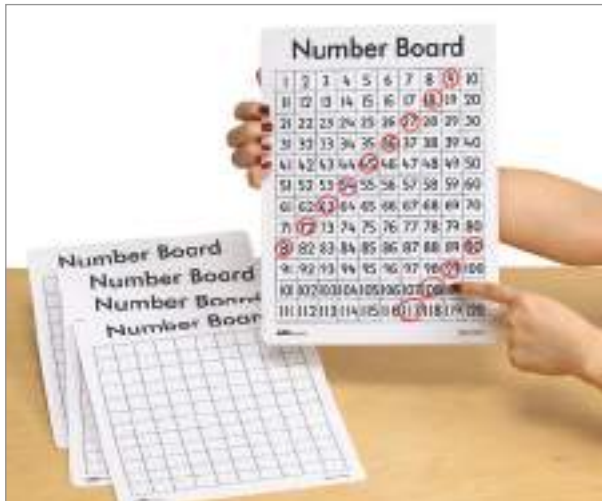
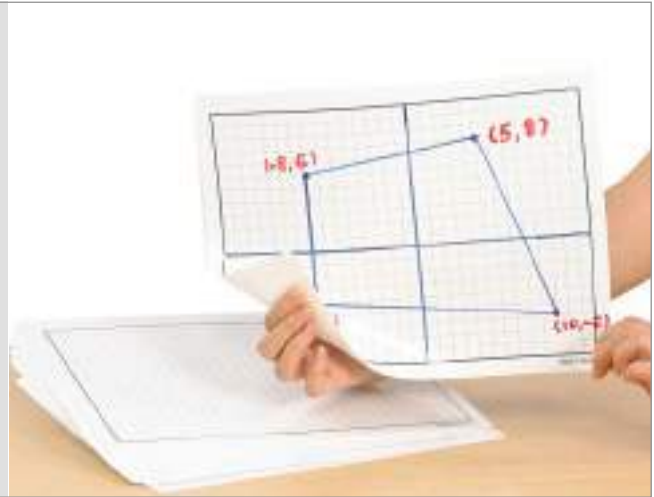
- centimeter grid & blank

**90630**

9" X 12", made from flexible polypropylene. Blank on one side and cm grid on the reverse.

Set includes : 30 boards

Size : 22.8 x 30.5cm



### Plastic Dry Erase Boards

- numbers 1 - 120 grid

**90639**

9" X 12", with numbers 1 - 120 on one side and blank grid on the other side.

Set includes : 30 boards

Size : 22.8 x 30.5cm

### Plastic Dry Erase Board - blank

**90634**

9" X 12".

Set includes : 30 boards

Size : 22.8 x 30.5cm



### Plastic Dry Erase Board - line & blank

**90635**

9" X 12", 1 - sided.

Set includes : 30 boards

Size : 22.8 x 30.5cm



**Magnetic Plastic Framed Whiteboards 90561**

Ideal for academic practice, doodling and for use with magnetic manipulatives. Plastic frame is ribbed for easy grasping and has rounded corners for safety.

**Set includes :** 6 whiteboards

**Size :** 33 x 24cm



**Magnetic Plastic Framed Whiteboards 90564**

4 colored frame.

**Set includes :** 4 whiteboards

**Size :** 33 x 24cm

## Suction Spinners with Clear Bases

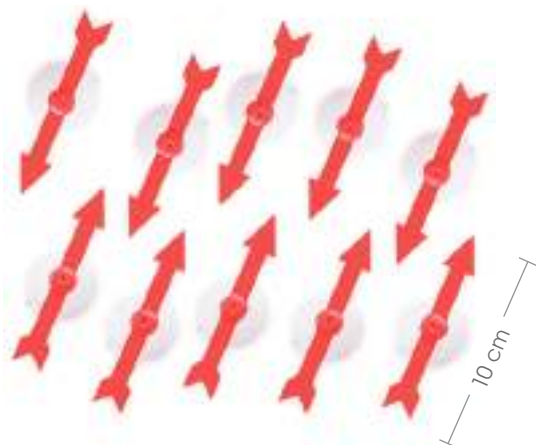
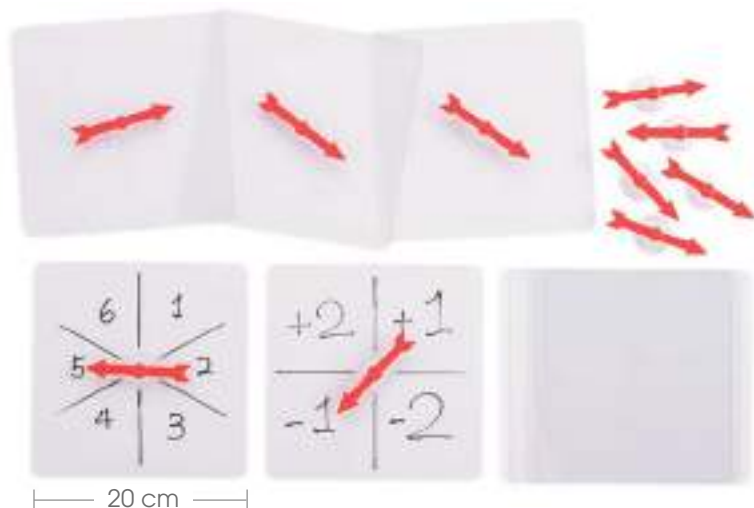
**18006**

A set of 10 transparent spinners with suction cup bases that will stick to any shiny surface. The balanced spinner works in both the horizontal and vertical plane. Easy for use by pupils or by teachers for demonstration purposes, they come with bases

that can be endlessly written on using dry-erase pens to create your own games or placed over pre-photocopied pages for an instant background change.

**Set includes :** 10 transparent boards and 10 suction spinners

**Size :** transparent board is 20 x 20cm



## Suction Spinners 18002

Spinner with 10cm pointers.

**Set includes :** 10 suction spinners

**Size :** 10cm long

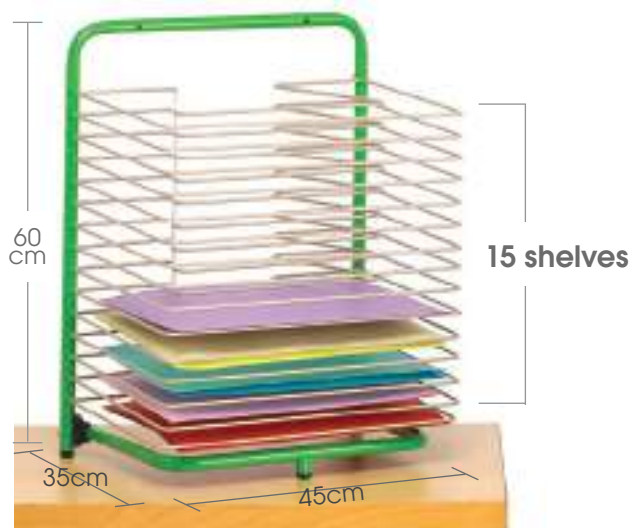
## Transparent Spinners 18232

These dry-erase multiple function spinners are suitable for various math games and activities in the classroom. Anti-slip pads help keep the spinners steady on game boards.

**Set includes :** 5 spinners and 20 anti-slip pads

**Size :** 9cm dia.



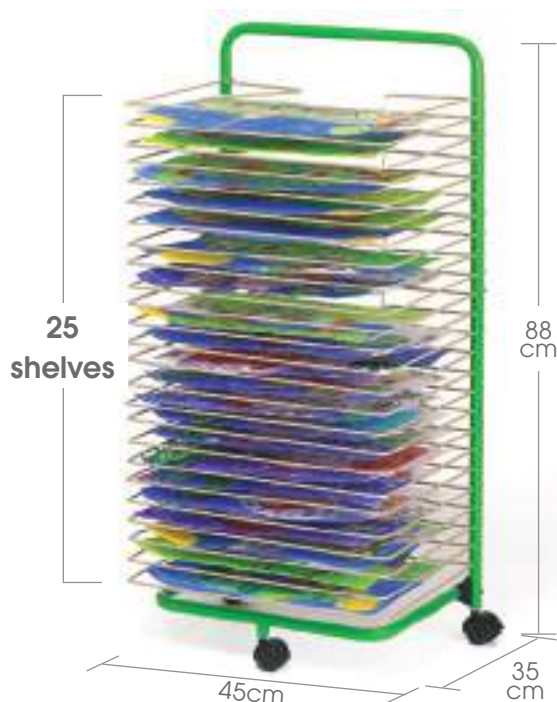


### Desk Top / Wall Mounted Art Drying Rack 77745

Excellent tool for drying and storing artwork and paper. This sturdy drying rack mounts to the wall or can be used on a table top.

**Includes :** 1 art drying rack

**Size :** 45 x 35 x 60cm



### Floor Art Drying Rack 77743

Excellent tool for drying and storing artwork and paper. 3 casters.

**Includes :** 1 art drying rack

**Size :** 45 x 35 x 88cm



### Giant Clips 89423

Pegs may be used to attach artwork to a line or other suitable surface. 4 colors.

**Set includes :** 20 clips

**Size :** 10.5cm long



18m+ **Sensory Tray**

### Multipurpose Trays 77040

Super tough art trays keep things neat and organized. 4 colors.

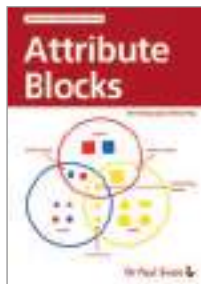
**Set includes :** 4 trays

**Size :** 40 x 30 x 3cm

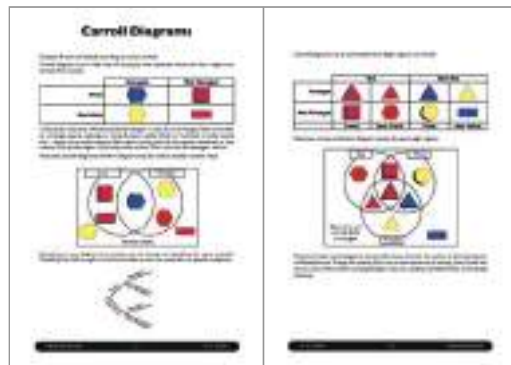
# Dr Paul Swan Books

Dr Paul Swan is an award winning author and mathematics educator. He is a well known author with books published in many different countries including the USA, UK, Canada, Malaysia and Australia. After a long career which has included working at the primary and secondary school level and 18 years as a University mathematics educator, Dr Swan started consulting to leadership groups and international companies to help improve the way that mathematics is taught throughout the world. He continues to lecture, write and develop games and materials to help children enjoy learning mathematics.

Edx is proud to be working with Dr Swan to bring you the best materials and teacher notes possible to help you gain the most from mathematics manipulatives.



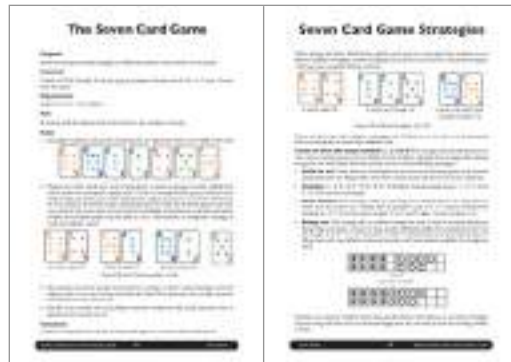
28011 Attribute Blocks



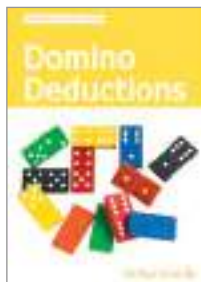
48 pages



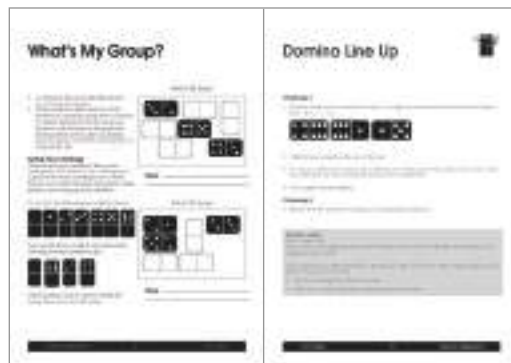
28012 Mathematics Games with School Friendly Cards



48 pages



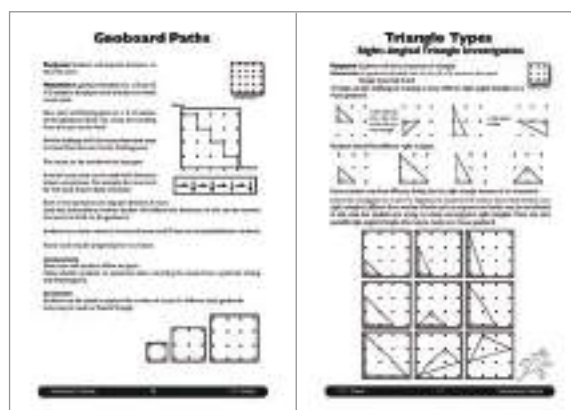
28013 Domino Deductions



48 pages



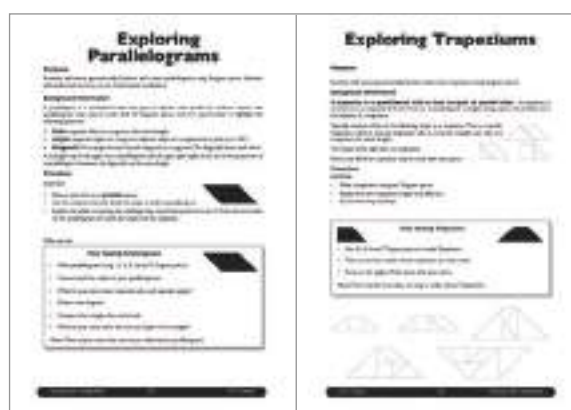
28014 Geoboard Gems



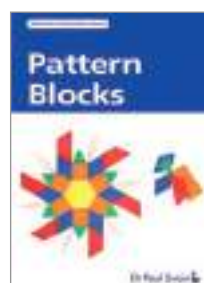
48 pages



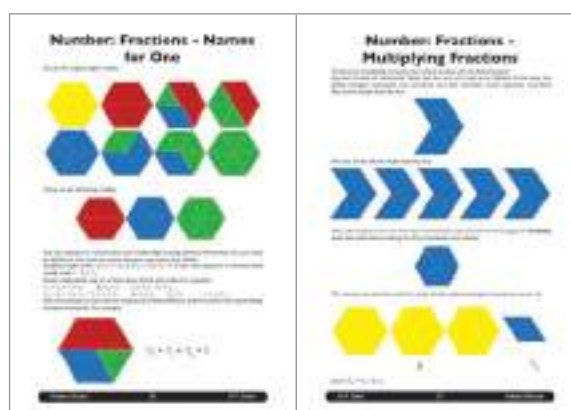
28015 Toying with Tangrams



48 pages



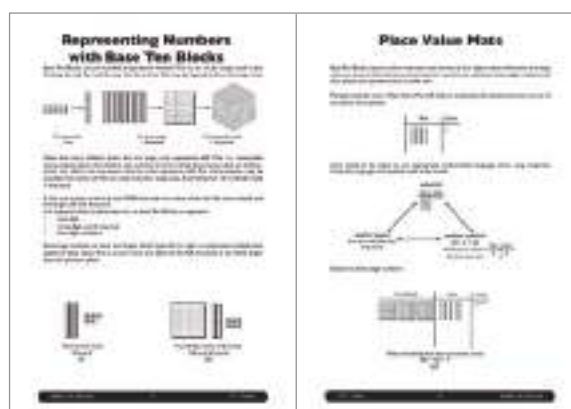
28016 Pattern Blocks



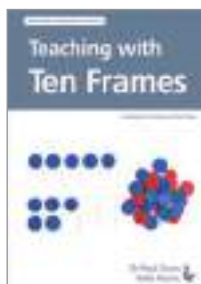
48 pages



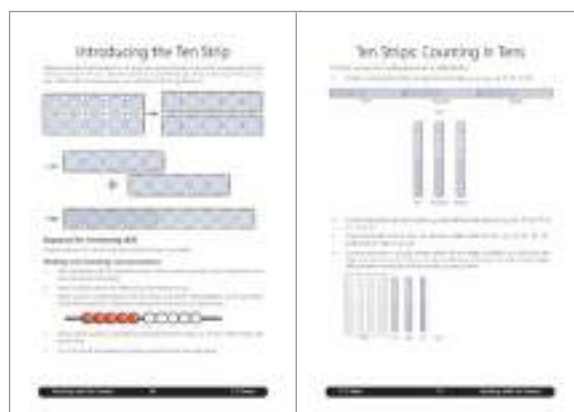
28017 Base Ten Blocks



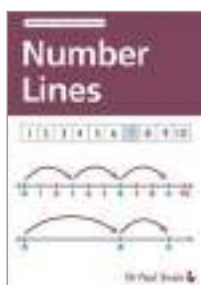
36 pages



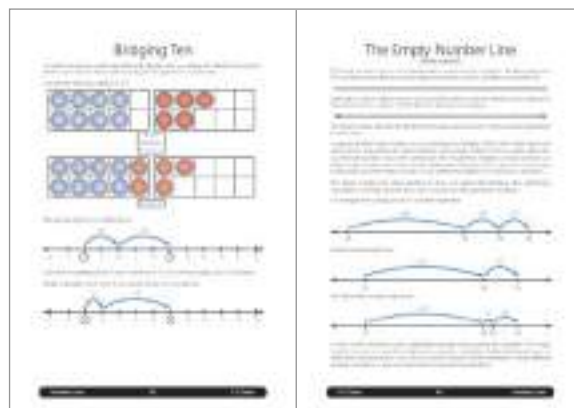
28018 Teaching with Ten Frames



80 pages



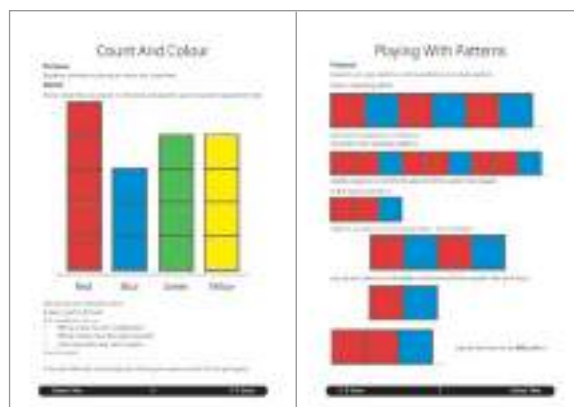
28019 Number Lines



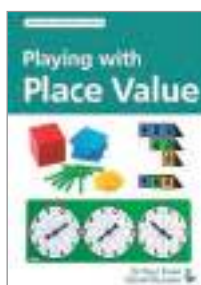
52 pages



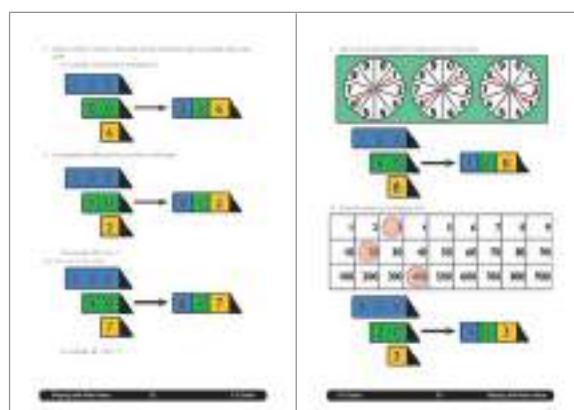
28020 Colour Tiles



48 pages



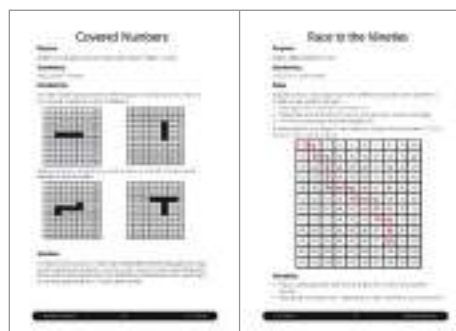
28021 Playing with Place Value



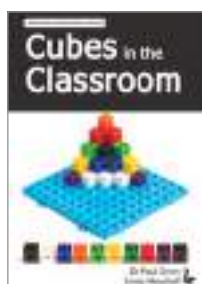
80 pages



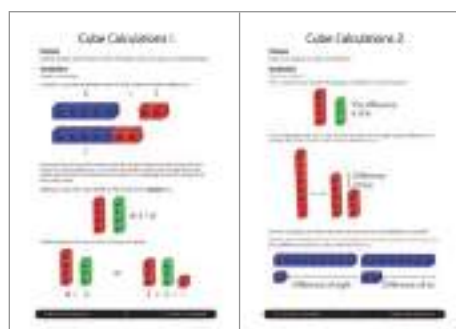
28022 Number Boards



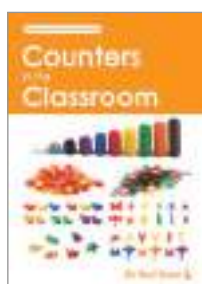
48 pages



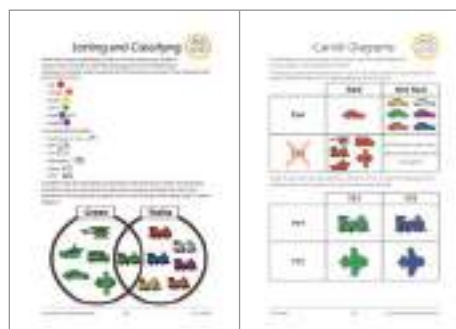
28023 Cubes in the Classroom



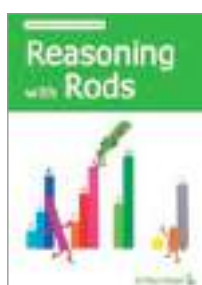
48 pages



28024 Counters in the Classroom



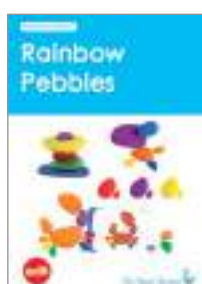
48 pages



28025 Reasoning with Rods



48 pages



28028 Rainbow Pebbles



48 pages

# Mathematics Manipulatives Reference Guide

This guide, written by **Dr Paul Swan**, is an essential reference for all teachers and educators to quickly understand the main math manipulatives.



## 28010 Mathematics Manipulatives Reference Guide

The guide has been organized in alphabetical order with the information for each manipulative structured as follows:

**Background** - a photo and brief description of each manipulative.

**Mathematical Focus** - the manipulative has been linked to relevant strands and sub-strands of mathematics to show where the manipulative can be used to support the teaching and learning of mathematics.

**Mathematical Language** - the language of mathematics is introduced for the manipulative, as children require an understanding, knowledge and fluency of the language of mathematics to become proficient in mathematics.

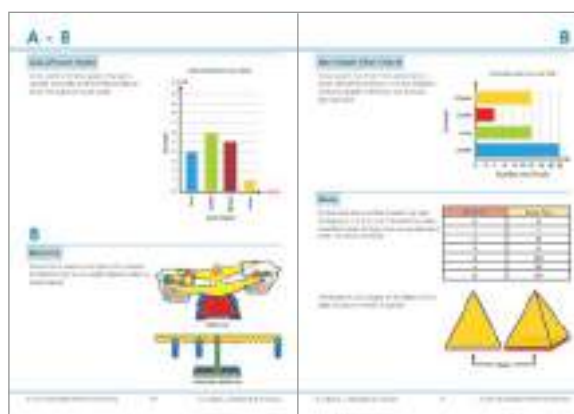
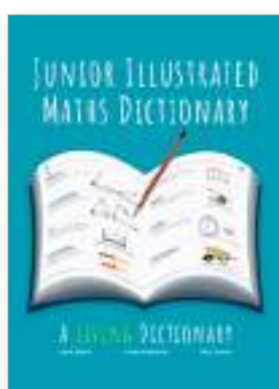
**Using the Manipulative** - pictorial examples are provided for how each manipulative may be used in the teaching of mathematical concepts.

**Typical Classroom Requirements** - suggestions are given as to the quantities of a manipulative required for a class of 32 students.

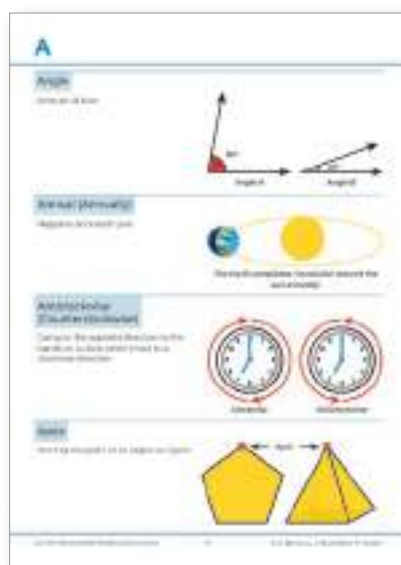
**Support and Complementary Materials** - other teaching materials have been identified to help educators gain the most from the manipulative.

# Junior Illustrated Maths Dictionary

This dictionary covers all the maths terms and concepts required in the junior primary years. Each word is clarified with engaging illustrations. The book is a very useful reference for both teachers and parents, but it is primarily intended for children to use individually in Years 1 - 4. It is expected that students will make it a Living Dictionary by adding their own supporting comments in the spaces provided, and also retain it from one year to the next.

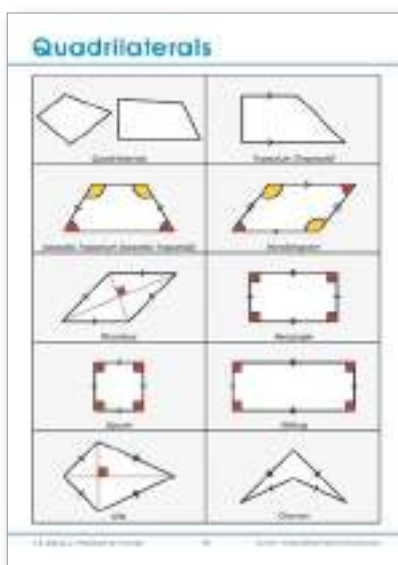


28051 Junior Illustrated Maths Dictionary



**Page 8 -“A” Words:** Concepts are richly illustrated.

**Living:** Space has been left for the student to add to words



**Page 69 - Quadrilateral Overview:** Details words students will refer to. In this case, the quadrilateral family is shown.



**Page 73** - Explanations: This page is designed to help develop all the basic number facts in both **multiplication** and **division**.

**MORE ABOUT ed<sup>x</sup>education<sup>®</sup>**

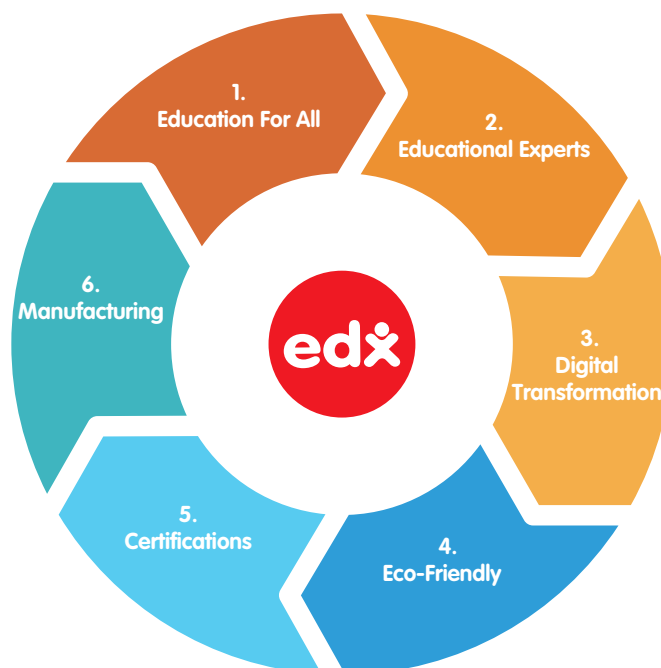


# Sustainable Future with Edx Education

At Edx Education we are committed to sustainability. We value and are continuously building on our eco-friendly practices.

Our six focus areas to 2024 are;

1. Education For All
2. Educational Experts
3. Digital Transformation
4. Eco-Friendly
5. Certifications
6. Manufacturing



## 1. Education For All

Education for All is a collaboration between Edx Education and many of our valued partners. We provide educational resources, programs and teacher training to disadvantaged communities around the globe. Educational sustainability is about providing to those who haven't had the same opportunities as others.

## 2. Educational Experts

Edx Education are continuously developing learning materials and resources with top education experts from around the world. Working with experts provide the key experiences for development and hands on learning. Their knowledge is essential for best practice and continuously changing with curriculums.

## 3. Digital Transformation

At Edx Education we have streamlined our internal practices from supply chain, delivery, marketing, paperless procedures, data services and online resources to become more sustainable. We are also providing 100+ online extension activities for our education resources to increase their longevity of play.

## 4. Eco-Friendly

Green-n-Play® & Green-n-Learn® is our journey to becoming fully sustainable at Edx Education. We use recycled plastics, sustainably sourced packaging (FSC certified). Decreasing waste, using greener materials & embracing circular economy practices is the future outlook for Edx Education.

## 5. Certifications

At Edx Education we are committed to ethical, sustainable work and supply chain practices. Our supply chain and products are ethically and compliance audited by global auditing organisations (EN71, CPSIA, ASTM, CCC, Sedex, ISO 9001, ISO1 4001). We regularly visit and inspect our supplier factories to review the production process.

## 6. Manufacturing

We continuously work with our factories on developing more efficient practices and sustainable procedures. Our Edx Education team are always looking to the future for more innovative materials to fulfil our sustainability goals.

## Education For All

### • Gecko on the Move

Gecko On The Move (GOTM) is a charity organization that brings together volunteer teachers from all over the world to work with teachers in developing countries. Their objective is to improve teacher training of learning mathematics. Recently GOTM has employed a full-time teacher in Africa to ensure their ongoing support of schools & teacher's training.



### • Mobile Kindergarten

Edx Education has a continued partnership with the Zhi Shan Foundation. In 2018 we donated a VW van that was turned into a mobile kindergarten for the remote Atayal tribe villages in Hsinchu County, Taiwan. The mobile kindergarten is named "Mountain Elf", and designed by the Atayal artist Mi Lu Hayong.

### • After School Center

Edx Education sponsored the renovations turning a house into an after school center for the aboriginal children from a primary school in a village north of Hualien on the east coast of Taiwan.

Managed by a local preschool teacher, the after school center provides a quiet study environment for children to do their daily homework and also provides dinner for the children.



### • Ocean Oasis Project

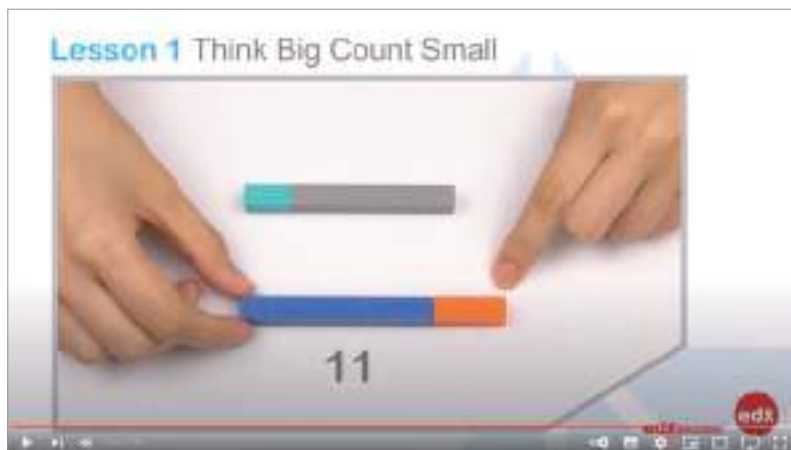
Edx Education support projects, like the Ocean Oasis by Kuro Shio Ocean Education Foundation, that develop the environment around us. The goal of this project is to set up a Whales and Dolphins Conservation Zone in Hualien (east of Taiwan). We have been able to support this project with research, beach clean up and so much more.

## Educational Experts

- From Product Development to Math Webinars, Learning Tips' Lessons, and Podcasts



Key education experts from around the globe have contributed to the development of our educational resources. Award winning author Dr Paul Swan has hosted several math home learning webinars for elementary school children. While demonstrating these ideas, Dr Swan shares his expertise in how to make the activities simpler or more difficult to meet the needs of the multiple levels of learning required in K-6 mathematics.



Tune into our podcast 'Edx Education in conversation with...' to listen to industry leaders, teachers, psychologists, parenting & teaching influencers, authors, creative's and so many more talented experts to keep up with the trends, and what's happening around the world.



**Apple Podcasts**



**Captivate**



**Spotify**



## Digital Transformation

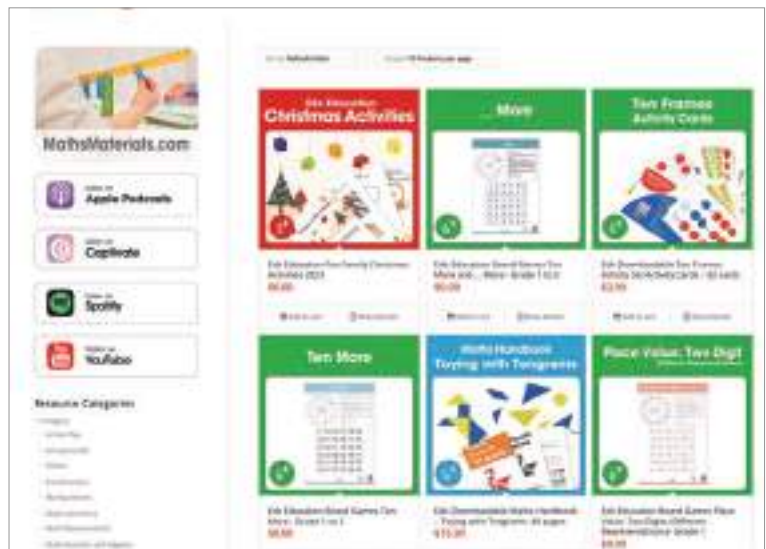
### • Moving forward with internal practices, home learning, and downloadable resources

"Challenging times, breeds innovation" says our CEO & Founder Murray Jackson. We have streamlined our internal practices from supply chain, delivery, marketing, data services to new paperless systems to be more efficient and environmentally friendly.

Globally we have seen schools providing online lessons around the world and children transitioning into hybrid models, Edx Education have been busy developing resources from videos, podcasts, puzzles, webinars, tips on home learning and different fun activity ideas to support this new way of learning. To increase the longevity of play with extension activities our activity cards are now available digitally. <https://edxeducation.com/teacher-parent/resources/>



<https://edxeducation.com/teacher-parent/resources/>



[Mathsmaterials.com](https://mathsmaterials.com) is a collaboration between our leading expert Dr Paul Swan and Edx Education. This website demystifies the mathematical language used in schools and explains the importance of using hands-on maths materials.

"It is important we have high quality supporting materials for parents and teachers. Edx Education and Dr Paul Swan have many resources available online and look forward to sharing. " – Murray Jackson, CEO, Edx Education" The idea came from a Mathematics Manipulatives Reference Guide Dr Swan and Edx Education had written many years ago, however in print had limited access to the digital world we live in.



## Eco-Friendly

### • Making Educational Play More Eco-Friendly

Edx Education is committed to develop eco-friendly products. Our Green-n-Play® & Green-n-Learn® range are manufactured from high quality recycled plastic materials. We are also continuing to develop products made from FPC, which is a raw material made from agricultural waste such as rice stems and rice husks. There will be a transition to more eco-friendly packaging with many of our current products using FSC certified paper, which is paper that has been harvested in a sustainable manner.



## Certifications

### • Always Improving with Environmental Management Systems

Edx Education is continually striving for the highest quality in their educational resources. We have been updating all our environmental policies and are now certified with Environmental Management System ISO 14001. As well as continually testing all the educational toys to the highest standards. Our supply chain and products are ethically and compliance audited by global auditing organisations (EN71, CPSIA, ASTM, CCC, Sedex, ISO 9001, ISO 14001). We comply with the regulations of different countries which includes having had independent audits on the factories.



## Manufacturing

### • Aiming for Highest Quality with Zero Waste

Edx Education have made a commitment to aim for zero waste in manufacturing. We have found a way to recycle all the waste materials from our manufacturing. We strive to meet the challenges posed due to machinery, moulds and changes in testing requirements. We manufacture with high quality materials that will stand the test of time for a classroom or at home for busy little hands to play, learn and create magic.

## Nürnberg Toy Fair

Edx Education participates in several international trade shows throughout the year. We have also welcomed the value in virtual events, working with our local distributors for events as well.



The International Toy Fair in Nürnberg is our premier trade fair of the year where we have been exhibiting for 25 years. Nürnberg Toy Fair is regarded as the largest and most important event for the toy and education industry world-wide. We use this juncture to launch our annual catalogue and new products each year and meet our amazing International Community.



## A

Abacus 14, 149, 160  
Alphabet Bean Bags 50, 104  
Ankle Hoops 52  
Art & Craft 97-101  
Attribute Beads 57  
Attribute Blocks 40, 167-168

## B

Balances 152-153, 185, 186  
Balancing Ball 52  
Balancing Path 48  
Base Ten 13, 161-163  
Beads 12, 14, 56, 57, 160  
Beadstrings 150  
Bean Bags 50, 104  
Bean Bag Target Mat 144  
Bear Counters 107, 110, 112  
Blocks 74-75  
Books 198-203  
Brick Construction Set 82  
Busy Play 59-61  
Buttons 38

## C

Cards 154-155, 174  
Centicubes 187  
Clocks 189-191  
Color Paddles 38  
Color Tiles 38, 60, 138  
Combo Playing Cards 154  
Construction 72-96  
Counters 14, 106-115, 138, 148  
Counting and Sorting Set 106-107  
Counting Sticks 116  
Crazy Tube Set 25  
Cubes 13, 40, 76-82, 140-143, 187

## D

Dice 160, 192  
Dinosaur Counters 108  
Dough Accessories 100  
Dr Paul Swan Books 198-203  
Dr Paul Swan Games 154-155, 158  
Dry-Erase Boards 194  
Drying Racks 197

## E

Early Childhood 15-129  
Early Mathematics 105-129  
Eco-friendly material 6-14

## F

Five Frames 145  
Flip Chart - Time 191  
Fluency 139-158  
Float or Sink Fun 29  
Folding 2D3D Geo Solids 183  
Foot Marks 53  
FPC eco-friendly material 10, 12, 32, 71  
Fractions 164-166  
Fraction Circles 165-166  
Fraction of Quantities 166  
Fraction Squares 165  
Fraction Tiles 165  
Fun<sup>2</sup> Messy Tray 24, 101  
Fun<sup>2</sup> Play System 24

## G

Garden Tool Set 29  
Gears Set 83-93  
Geoboard 40, 175-177  
GeoFun Sorting Beads 12, 56  
GeoLand® 42, 180  
Geometric Solids 181-183  
Geometric Volume Set 180, 188  
Geometry 169-183  
Geomirror 174  
GeoStamper Activity Set 99  
GeoStix® 61, 94-96, 103, 178-179  
GeoStix® Construction Set 96  
Green-n-Learn® 10-14  
Green-n-Play® 8-9  
Go Wheelie 51

## H

Hand Marks 53  
Hollow Blocks 75  
Home Learning 122-129, 134-137  
Hopping Sacks 54  
Home Learning Counters 111-113  
Hundred Chart 151

## I

Interlocking Cubes 82, 142  
Interlocking Geo Shapes 37, 73  
Interlocking Rainbow Pebbles® 36, 37, 72

## J

Joey Jump 50  
Junior GeoLand® 42  
Junior GeoStix® 94  
Junior Rainbow Pebbles® 70-71  
Junior String Art 41

## L

Lacing Beads 57  
Letters - Alphabet 50, 95, 103-104  
Light Box Accessories 31, 33, 35-40  
Linking Cubes 13, 40, 76-82, 140-143  
Liquid Volume Set 188  
Literacy 102-104

## M

Magnetic Base Ten 161  
Magnetic Demo Clock 190  
Magnetic Five Frames 145  
Magnetic Fraction Circles 166  
Magnetic Numbers 116, 144  
Magnetic Whiteboards 195  
Marble Run Builder 81  
Math Cubes 80, 143  
Math Kits 122-129, 134-137  
Measurement 184-191  
Mirrors 24, 42, 174, 180  
Monster Counters 112, 114  
MultiSpin 156, 158

## N

Number Balance 152-153  
Number Bean Bags 50  
Number Rods 118-121  
Numbers 38, 116, 144  
Nuts & Bolts 56, 59

## P

Paint Accessories 97-101, 197  
Paint Trays 101, 197  
Pattern Blocks 11, 13, 33, 61 170-174  
Pebbles 12, 36, 37, 62-72  
Pegs 55, 57, 59, 197  
Pentominoes 35, 60, 74, 177  
Place Value 160-163  
Playing Cards 154-155

## R

Rainbow Pebbles® 12, 36, 37, 62-72  
Rekenrek 149-150  
Rolling Pins 100  
Rowco Playing Cards 154

## S

Sand & Water Trays 8, 17-24  
Sand Toys 26-29  
Scales 187  
Sensory Pattern Blocks 11, 33, 173  
Sensory Play 30-42  
Sensory Shells 10, 31-32  
Sensory Tangram 11, 33, 34  
Sensory Tray 8, 17-24, 101, 197  
Skeletal Geo Set 61, 96, 182  
Skittles 54, 144  
Sorting and Counting 105-129  
Sorting Bowls 40, 106, 107  
Sorting Circles 167  
Spinners 196  
Stacking Puzzles 74  
Step-a-Forest 44, 46  
Step-a-Logs™ 49  
Step-a-Stones™ 49  
Step-a-Stumps 46, 47  
Step-a-Trails 45, 47  
Super Water Tray Set 18

## T

Tape Measures 186  
Ten Frames 14, 146-148  
Thermometer 186  
Tiles 38, 60, 138  
Time 189-191  
Toddler Hollow Blocks 75  
Traffic Signs 54  
Translucent Linking Cubes 40, 79, 140  
Transport Counters 108, 109, 112, 113  
Trundle Wheel 184  
Tweezers 106

## W

Water & Sand Trays 8, 17-24  
Water Pump 25  
Whale Counters 12, 111, 115  
Wheelie 51  
Whiteboards 194-195  
Whizzy Dizzy 51

## MyGears<sup>®</sup>

Play, Learn & Create



Edx Education  
9F, 39, Dun Hua S. Rd., Sec 2,  
Taipei 106, Taiwan

Tel: 886 2 2704 8568  
Fax: 886 2 2704 8141  
Email: [anna@edxeducation.com](mailto:anna@edxeducation.com)



[www.edxeducation.com](http://www.edxeducation.com)