



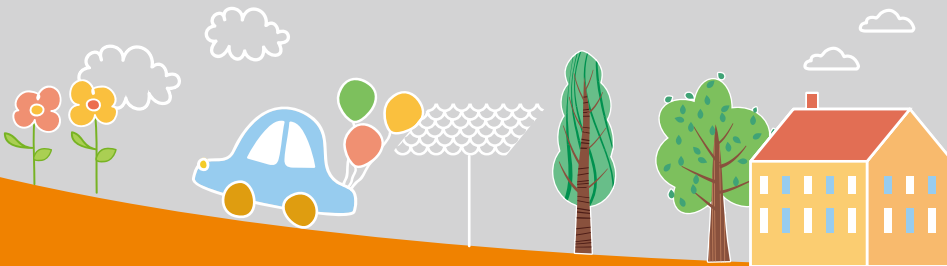
Fun Educational Toys

Innovative and Customised Production

www.youthtoy.com



Making learning inspiring and fun
for every child.



Southern Africa Youth Toy Distributor

www.satoytrade.co.za



Sole Distributor

SAToyTrade is the sole distributor for YOUTH TOY ENTERPRISES CO. LTD in South Africa & neighbouring countries.

Wholesale Portal

Retailer Registration & Login at the SAToyTrade Wholesale Portal of www.satoytrade.co.za

Products Not Listed?

Please contact usl@satoytrade.co.za for U.S.L. products that you may be interested in that is not listed.



In 1987, Fu-Ji Lin founded YOUTH TOY ENTERPRISES CO., LTD. Today, U.S.L. provides more than 500 products distributed all over the world. The company adheres to the pioneering core values that were instituted by Fu-Ji Lin, which are, "Quality. Efficiency. and Service."

Education is an ongoing process and as such, U.S.L. stands firm on its commitment to the pedagogical approach as laid out by Fu-Ji Lin, and encourages its team-members to set higher goals and standards when providing innovative and quality products. Our mission is to have a positive impact on the present and the future by making learning inspiring and fun for children.



It is more effective for children to learn **FRACTIONS** through visual representation. Fractions are used in real life contexts such as dividing a pizza, telling the time and splitting the bill. It is an important life skill children can apply in their daily activities.

Children learn **GEOMETRY** to discover patterns, find areas, volumes, lengths, angles, and better understand the world around them. It creates a foundation for mathematical, technical, art and scientific learning.

CREATIVITY is the ultimate form of self-expression that reflects and nurtures children's emotional health. The key to develop creativity is less about "teaching" creativity to children and more about a fertile environment in which creativity will take root, grow and flourish.

REASONING and logical thinking provides children with the necessary tools to function, make decisions and solve problems in life. Learning to apply logical thinking through play stimulates the brain and improves memory and concentration.

Our understanding of the world is greatly dependant on our **SPATIAL PERCEPTION** (concept of space). Space therefore not only serves as an important foundation for a child's perception, but also their sense of position, spatial language and cognitive development. It also determines how the child classifies events and objects in his or her environment.

When a child sees a numeral, states its name, and can find the corresponding number of objects, the child has connected a numeral to its quantity. This initial **NUMBERS AND QUANTITY** recognition is crucial for developing more complex numerical knowledge, including how to solve addition and subtraction problems and beyond.

Children with **PROBLEM-SOLVING** skills are happier, more confident and more independent. They can manage their emotions, think creatively, and persist until they find a solution. It is an important life skill children will need in order to make healthy decisions for themselves.

SORTING is an important skill to gain control and create order in one's surrounding. It is also an early mathematical skill for children to understand the attributes and characteristics of items. Through sorting, children develop essential cognitive skills such as critical thinking, problem solving and language development.

HAND-EYE COORDINATION is a complex cognitive ability, as it unites our visual and motor skills. It allows for the hand to be guided by the visual stimulation our eyes receive. It is essential for child development and academic success and an important skill that adults use in daily activities.

EARLY MATHEMATICS are part of children's daily routines. Developing these concepts through play gives children a positive mindset that mathematics can be fun and enjoyable.

Table of Contents

A. Fractions, Numbers and Counting

B. Time Education and Management

C. Geometry of Shapes and Space

D. Hand-Eye Coordination

E. Creative Building Sets

F. Model Counting and Sorting

G. Mind Expanding Games

M. Concepts of Length, Volume and Weight

T. Additional Educational Tools

Round

Counting Sticks

A2019A01 (250pcs)

One of the most simple yet versatile tools to teach colours, quantity and simple math.

Measures: 13cm in length.

5 Colours: red, yellow, blue, green and white.
50 pcs of each colour.



Let the child have fun and be creative.

Hexagon

Counting Sticks

A2020A01 (1000pcs)

Hexagonal counting sticks are one of the most simple yet versatile tools to teach colours, quantity and early mathematics (addition, subtraction, multiplication and division).

The hexagonal design makes stacking easy and prevents rolling on flat surfaces.

Measures: 10cm in length and 1g in weight.

10 Colours: red, yellow, blue, green, white, light green, purple, orange, black and brown.



Visit www.youthtoy.com for more product information and downloadable teaching guides.

Transparent

Number Tiles

A2007A02 (57pcs)

A2007A05 (108pcs)

These tiles are ideal in teaching numbers and simple mathematics.

Measures: 2.54cm x 2.54cm and 2mm thick.

39	+	11	
75	-	25	
5	x	10	
100	÷	2	

3	+	1	
			= 50



- The transparent tiles can be used with a light box or projector.

Thick

Square Counters

A2001A01 (400pcs)

Measures: 2.54cm x 2.54cm and 5mm thick.

4 Colours: red, yellow, blue and green.



Colour

Round Counters

A2003A02 (5-Colours, 500pcs)

A2003A01 (4-Colours, 1000pcs)

A2018A01 (4-Colours, 100pcs, soft)

Measures: 2.54cm in diameter and 2mm thick.

4 Colours: red, yellow, blue and green.

5 Colours: red, yellow, blue, green and white.



Visit www.youthtoy.com for more product information and downloadable teaching guides.

Small Colour

Counting Chips

F3005A02 (1000pcs)

10 Colours: red, yellow, blue, green, orange, pink, light blue, light green, black and white.

Measures: 2cm in diameter and 2mm thick.



Colour

Square Counters

A2005A02 (400pcs)

Measures: 2.54cm x 2.54cm and 2mm thick.

4 Colours: red, yellow, blue and green.



Two-Colour

Counters

F3001A01 (red/yellow, 200pcs)

Measures: 2.5cm in diameter.

Colours: Red on one side and yellow on the other.



Shared Features

Colour. Sorting. Counting. Stacking. 3D Designs. Patterning. Board Games.

These counters are perfect for teaching colours, quantity and early mathematics. Children can practice sorting with Sorting Circles and Sorting Plates. Children strengthen hand-eye coordination when stacking the tiles.

Transparent

Round Counters

A2004A01 (1000pcs)

Measures: 2.54cm in diameter and 2mm thick.

4 Colours: red, yellow, blue and green.



Transparent

Counting Chips

F3004A01 (1000pcs)

6 Colours: red, yellow, blue, green, orange and purple.

Measures: 2cm in diameter and 2mm thick.



Transparent

Square Counters

A2006A01 (1000pcs)

Measures: 2.54cm x 2.54cm and 2mm thick

4 Colours: red, yellow, blue and green.



Stacking Counters

A2021A01 (500pcs)

Measures: 2cm in diameter and 11mm thick.

10 Colours: red, yellow, blue, green, white, grey, purple, orange, black and brown. 50pcs of each colour.



Visit www.youthtoy.com for more product information and downloadable teaching guides.

A

- Children develop patience and concentration through stacking.



The Metric Rod Series are effective tools for physically representing various math concepts.

Assorted 1 cm Metric Cubes

A3001A06 (1000pcs)

Each 1cm metric cube weighs 1gram.

10 Colours: red, yellow, blue, green, orange, purple, brown, black, white and light green.

Marked

Metric Rod Set

A3012A02 (74pcs)

Measures: 1-10cm in length, 1cm in width and 1cm in height.

Includes: 1cm (white)x22, 2cm (red)x12, 3cm (light green)x10, 4cm (purple)x6, 5cm (yellow)x4, 6cm (green)x4, 7cm (black)x4, 8cm (brown)x4, 9cm (blue)x4, 10cm (orange)x4.



Unmarked

Metric Rod Set

A3011A03 (74pcs)

Plain metric rods are unweighted but are perfect in teaching fractions, measurements and visual estimation.

Includes: the same content as Marked Metric Rod Set (A3012A02).



1 cm Metric Cube

1 g

2 cm Metric Cube

2 g

3 cm Metric Cube

3 g

4 cm Metric Cube

4 g

5 cm Metric Cube

5 g

6 cm Metric Cube

6 g

7 cm Metric Cube

7 g

8 cm Metric Cube

8 g

9 cm Metric Cube

9 g

10 cm Metric Cube

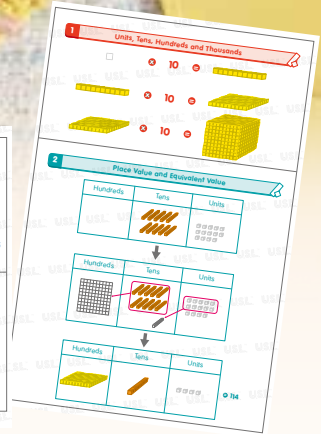
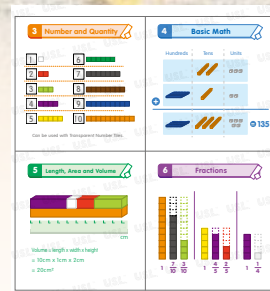
10 g

Marked Metric Rods contain weights that are equivalent to the length, and can be used as weights with a balance.

When used with a balance scale it becomes a visual and hands-on tool to teach number concepts of more, less, equal, as well as addition and subtraction.

Shared Features

With hands-on practice, the child can learn the relationship between units, tens, hundreds and thousands. As each unit is 1 cm on all sides, children can also practice measuring and calculating length, area and volume.



A

Visit www.youthtoy.com for more product information and downloadable teaching guides.

Yellow Base Ten Set

A3015B01 (121pcs)

Thousand Block x 1

Measures: 10cm x 10cm x 10cm.



Hundred Flats x 10

Measures: 10cm x 10cm x 1cm.



Ten Rods x 10

Measures: 10cm x 1cm x 1cm.



1 cm Metric Cubes x 100

Measures: 1cm x 1cm x 1cm.



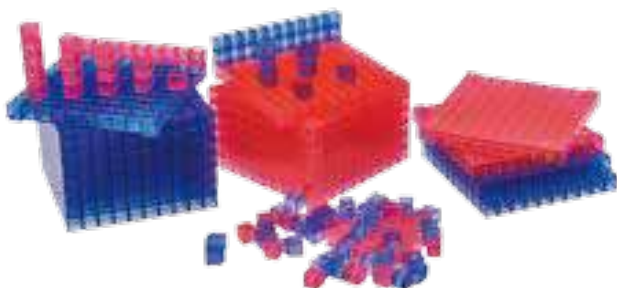
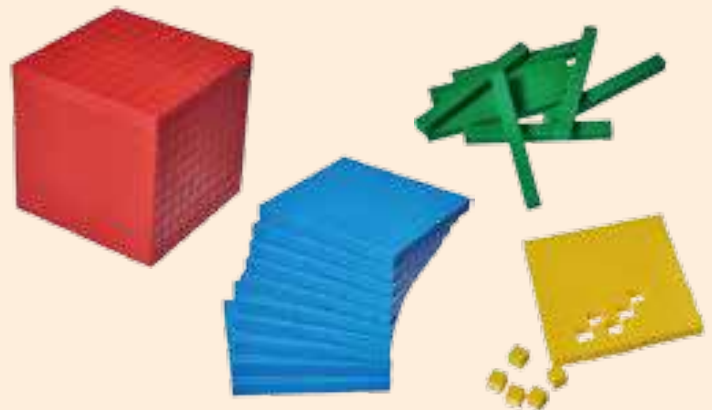
• Each cube weighs 1g.

Coloured Base Ten Set

A3015B02(121pcs)

4 Colours make recognizing and calling the parts easy.

Includes: Thousand Block (red) x1
Hundred Flat (light blue) x10
Ten Rod (green) x10
1 cm Metric Cube (yellow) x100



- 1 cm cubes, Ten Rods and Hundred Flats can be connected to each other. Can be used with a light box.

Transparent Base Ten Sets

A3020B01 (145pcs)

Includes 1 cm cube (red and blue) x50 each, Ten Rod (red and blue) x15 each, Hundred Flat (red) x7, Hundred Flat (blue) x8.

A3020B02(355pcs)

Includes 1 cm cube (red and blue) x125 each, Ten Rod (red and blue) x35 each, Hundred Flat (red) x17, Hundred Flat (blue) x18.

The child can explore the circumference of a circle, while learning to make and divide a pie/circle with different sectors and central angles.

Fraction Circles

A1001A03 (51pcs)

Includes: whole circle (purple), 1/2 (red), 1/3 (yellow), 1/4 (blue), 1/5 (pink), 1/6 (orange), 1/8 (green), 1/10 (brown), 1/12 (black).



- These bendable fraction circles are soft, durable and safe.



Visit www.youthtoy.com for more product information and downloadable teaching guides.

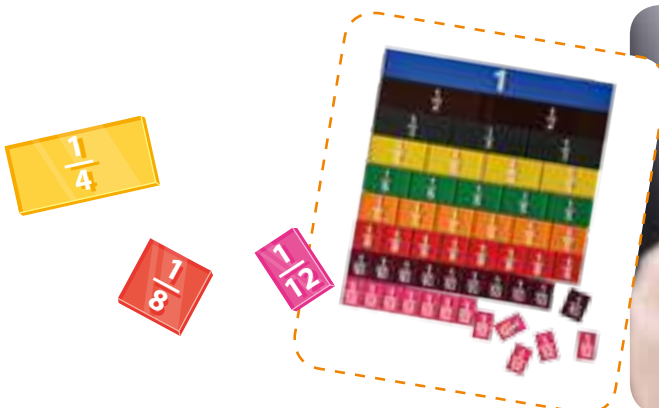
Fraction Tiles

Colour A1008D01 (51pcs)

Transparent A1009D01 (51pcs)

Description: The tiles help children visualize the connections between equal parts, fractions and equivalent fractions.

Includes: 1 (blue), 1/2 (brown), 1/3 (black), 1/4 (yellow), 1/5 (green), 1/6 (orange), 1/8 (red), 1/10 (purple), 1/12 (pink).



- These colourful tiles catch children's attention and help them focus.



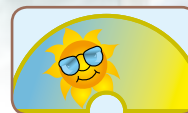
Clocks are a great introduction to the concept of time. By moving the synchronous hands, children can learn the connections between hours and minutes.

Day & Night Clocks

B1004A01 (10cm diameter)

B1006A03 (30cm diameter)

The image in the display window has a day (sun) and night (moon) indicator, based on what time is selected.



• Day



• Night

Wisdom Clock

B1002C01 (colour box)

The number insert buttons have different geometric shapes. Matching the button shape with the correct shape slot shows visually the number sequence of the 12 hours around the clock. 1-12 hours are marked.

Measures: 28cm in diameter.



Gear Clock

B1001A01

Adjustable rear stand for convenient viewing. Children can learn to tell time precisely with the detachable second hand that moves independently. 1-60 minutes are marked.

Measures: 28cm in diameter.



Student Clock

B1003A01

Perfect size for children to carry and operate with one hand. The clear markings and numbers, make reading and calculating time easy. Provides a visual understanding of the relation between minutes and hours as the clock hands are turned.

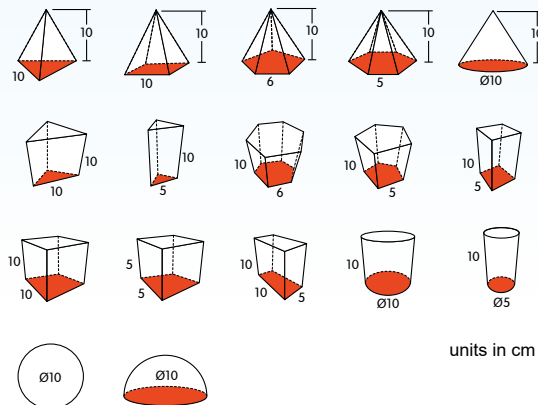
Measures: 12cm in diameter. 1-12 hours and 1-60 minutes are marked.



• back of the clock

Large Geo Volume Set

C1001B01 (10cm, red lid, white box, 17 volumes)



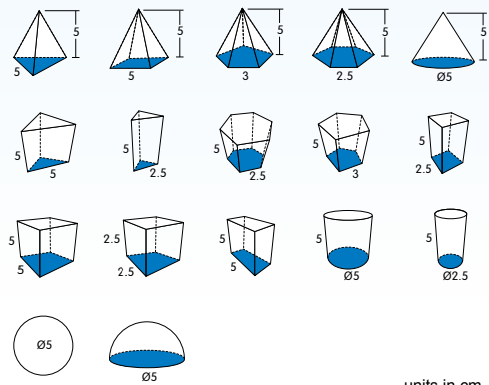
units in cm



The names of the shapes are shown on the lids.

Medium Geo Volume Set

C1009B01 (5cm, blue lid, white box, 17 volumes)



units in cm

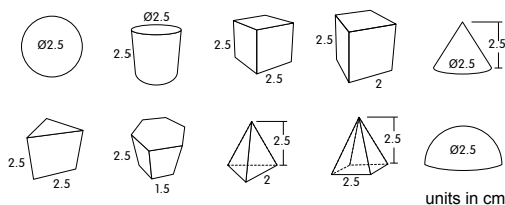


Small Geo 3D Shape Set

C1013A01 (40pcs)

Effective tools for colour sorting and shape recognition.

4 Colours: red, yellow, blue and green.



units in cm

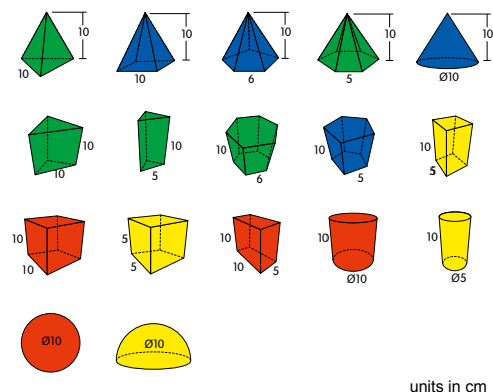


- Develop confidence through stacking.

Large Geo 3D Shape Set

C1002B01 (10cm, 4-Colours, white box, 17 shapes)

Effective tools for learning colour sorting and shape recognition.



units in cm

- The solid shapes corresponds to the volume sets C1001B01 and C1009B01



Shared Features

Definitions of 2D and 3D shapes.
Differences between pyramids and prisms
Concepts of points, lines and planes.

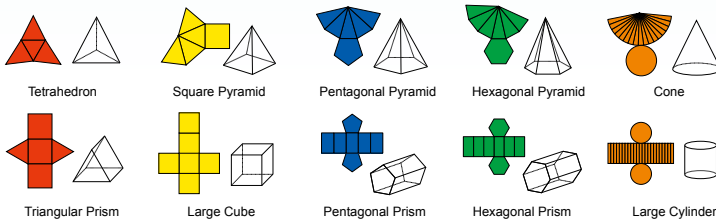


Folding

Geo Volume Folding Nets

C1003A01

Includes: 10pcs 2D/3D folding nets.



Folding

Geo Volume Set

C1003B01 (10cm, white box)

The soft durable folding nets stimulate logical thinking and are perfect in teaching area, volume, 3D formations.

Includes: 10 Volume shapes and 10 corresponding 2D / 3D folding nets.



- Children can compare the volume between different shapes.

C

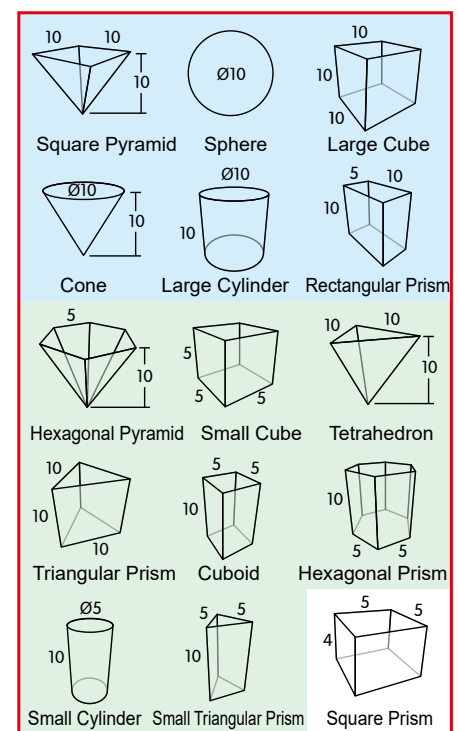
Basic

Geo Volume Set

C1005B01 (6-shapes, white box)

C1006B01 (8-shapes, white box)

C1007B01 (15-shapes, white box)



units in cm

Thousand Block Container

C1008A01

A physical representation of the volume concept. Can hold 1L of liquid and fit 1000 1cm Metric Cubes.

Includes: a calibrated transparent container and lid.

Measures: 10cm x 10cm x 10cm



Small

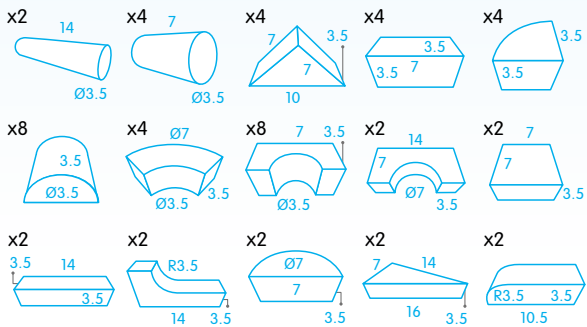
Foam Blocks

C2004A01 (52pcs)

Includes 15 geometric shapes.

Measures: 3.5cm in thickness.

4 Colours: red, yellow, blue and green.



Unit in cm.



Small

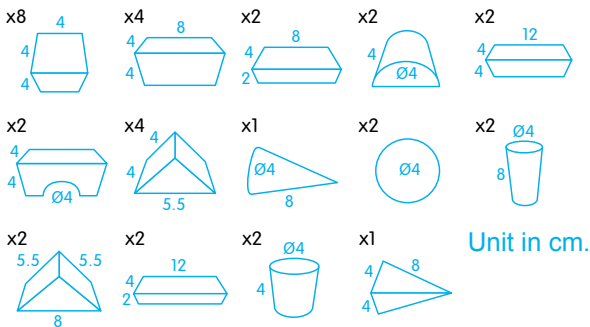
Foam Blocks

C2003B01 (36pcs)

Includes 14 geometric shapes.

Measures: 4cm in thickness.

4 Colours: red, yellow, blue and green.



Unit in cm.



Small

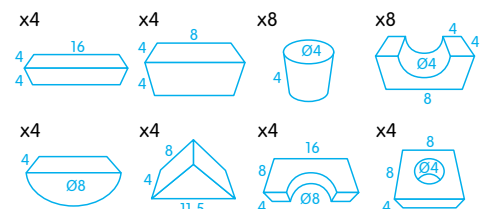
Foam Blocks

C2002A01 (40pcs)

Includes 8 geometric shapes.

Measures: 4cm in thickness.

4 Colours: red, yellow, blue and green.



Unit in cm.

Shared Features

The tangrams are an interactive math and art tool for both adults and children. Users can rotate and change positions of the tangrams to create beautiful patterns.



Colour Tangrams

C3015A01 (28pcs / 4 sets)

Measures: 2mm in thickness.

4 Colours: red, yellow, blue and green.



C

Transparent Tangrams

C3016A01 (28pcs / 4 sets)

Measures: 2mm in thickness.

4 Colours: red, yellow, blue and green.



- Transparent Tangrams can be used with a light box.

Colour Soft Tangrams

C3013C01 (21pcs / 3 sets + 6 learning activities)

Measures: 3mm in thickness.

5 Colours: red, yellow, blue, green and purple.

Colour Soft Tangrams

C3013A01 (35pcs / 5 sets)

Measures: 3mm in thickness.

5 Colours: red, yellow, blue, green and purple.



- The soft tangrams are durable and sound-proof.

Children learn about different colours and geometry, plus the shapes' characteristics, equivalent relationships and similarities.

Colour Pattern Blocks

C3008A01 (Solid, 250pcs)

Includes: triangle (green) x50, diamond (blue) x50, flat diamond (beige) x50, square (orange) x25, trapezoid (red) x50, hexagon (yellow) x25.



- Pattern Blocks (solid) are 5mm in thickness.



- 3D Designs



Recessed 1-Side

Assorted Shape Blocks

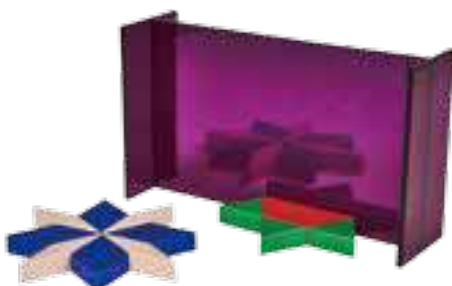
C3006A10 (48pcs)

Includes: large triangle (light green) x6, medium triangle (light blue) x6, small triangle (red) x12, diamond (orange) x12, Square (yellow) x6, Circle (brown) x6

Measures: 10mm in thickness.



Visit www.youthtoy.com for more product information and downloadable teaching guides.



Geo Mirror

C3030A01

Reflects images for lessons on symmetry, congruency, lines and planes.

Colour: purple.

Recessed 2-Side

Pattern Blocks

C3011A01 (Colour, 250pcs)

Includes: triangle (green) x50, diamond (blue) x50, flat diamond (beige) x50, square (orange) x25, trapezoid (red) x50, hexagon (yellow) x25.

Measures: Recessed 6mm in thickness.



- The double-sided recessed design makes grasping easy.



Transparent

Pattern Blocks

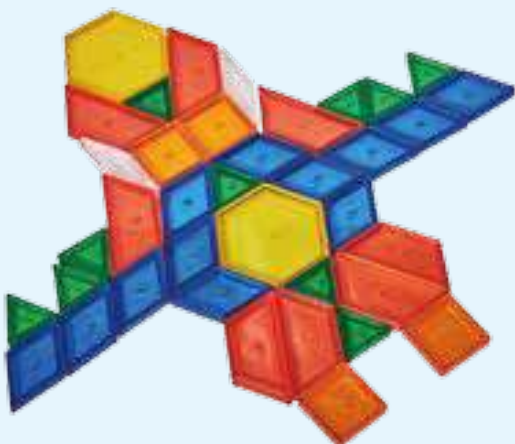
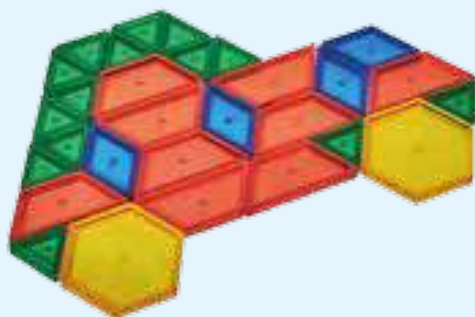
C3010A01 (49pcs)

Includes: triangle (green) x12, diamond (blue) x9, flat diamond (beige) x12, square (orange) x6, trapezoid (red) x6, hexagon (yellow) x4.

Measures: 2mm in thickness.



- Can be used with a light box.



Recessed 2-Side

Pattern Blocks

C3012A01 (Transparent, 49pcs)

Includes: triangle (green) x12, diamond (blue) x9, flat diamond (beige) x12, square (orange) x6, trapezoid (red) x6, hexagon (yellow) x4.

Measures: Recessed 6mm in thickness.



- Create and explore new Colours by stacking different blocks together. Can be used with a light box.



Pentomino Blocks

C3028A01 (60pcs)

Try to create the same shape with different combinations of blocks to develop logical thinking and problem-solving skills.

Includes 12 shapes. Each block is made of 5 equal-sized squares (2cm x 2cm).

5 Colours: red, yellow, blue, green and orange.



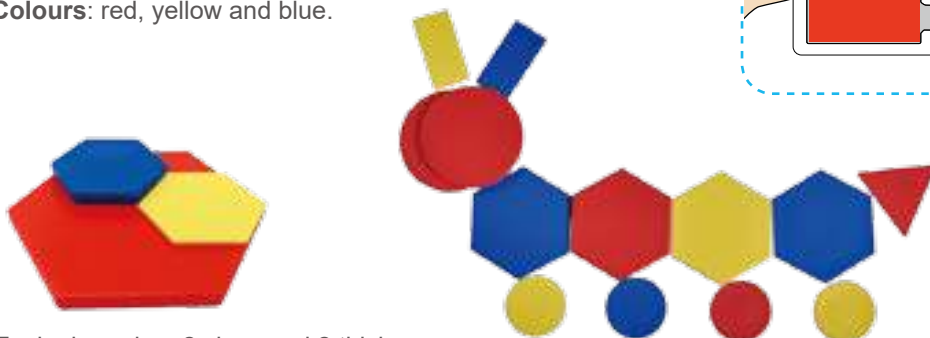
Relational Attribute Blocks

C3023D03 (60pcs)

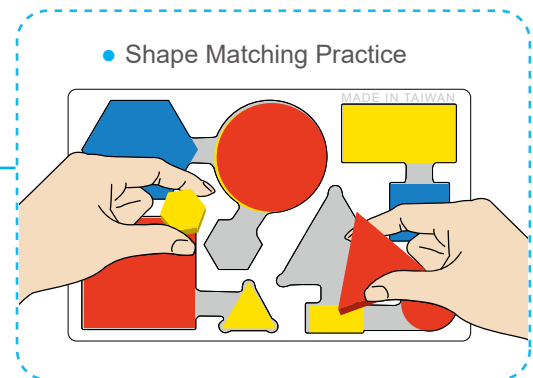
Introduce the concepts of fractions, relational-size and geometry.

Includes: hexagon, rectangle, square, triangle and circle. Each shape comes in two sizes and two thicknesses.

3 Colours: red, yellow and blue.



- Each shape has 2 sizes and 2 thicknesses.
- Children can develop sense of touch and observational skills.



Shared Features

Inspires the child's observational skills and creativity, as well as develop their counting and sorting abilities. Children learn different colours and shapes. The concept of relative size and thickness are also established.

Transparent

Attribute Blocks

C3024A01 (30pcs)

Includes: hexagon, rectangle, square, triangle and circle.

Each shape comes in two sizes and two thicknesses.

3 Colours: red, yellow and blue.



- Each shape has 3 colours and 2 sizes.

Attribute Blocks

C3025D01 (60pcs, pocket-size)

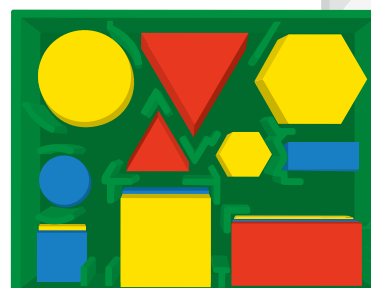
C3026D01 (60pcs, medium)

C3027D01 (60pcs, large)

Includes: hexagon, rectangle, square, triangle and circle.

Each shape comes in two sizes and two thicknesses.

3 Colours: red, yellow and blue.



- The bottom of the tray can be used as a stencil for drawing

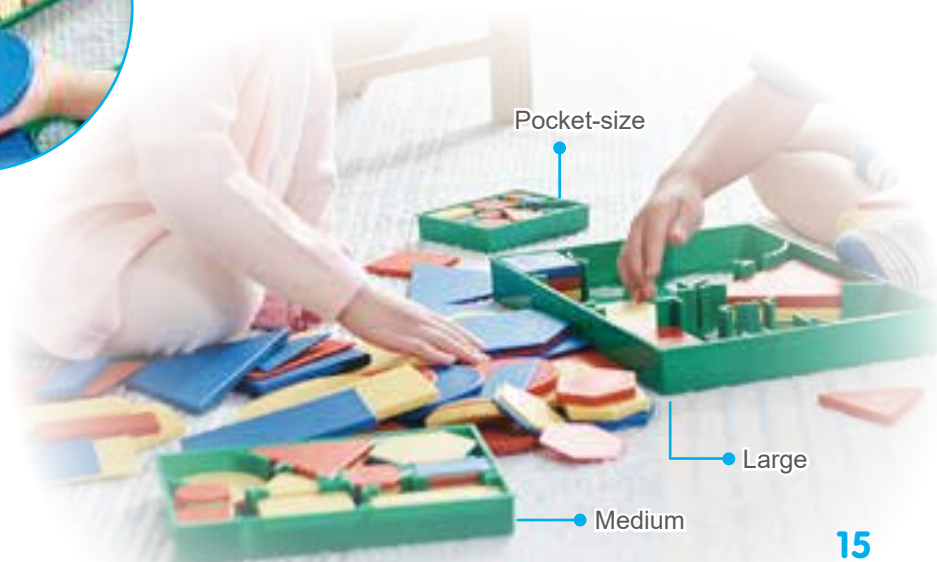


Each shape has

- 2 sizes and 2 thicknesses.



- Matching the blocks with the corresponding shapes.



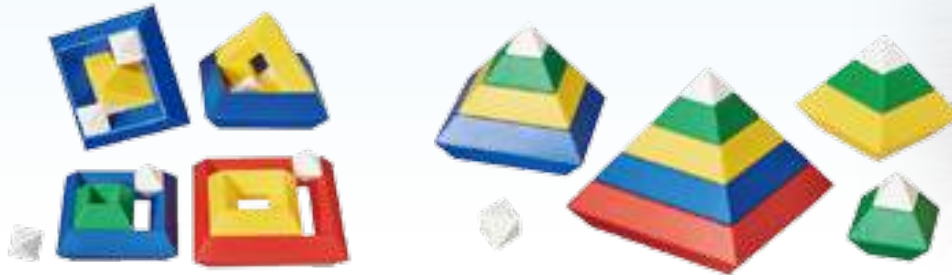
A great introduction to the three-dimensional world of geometric shapes.

Pyramid Puzzles

C4004C02 (15pcs, colour box)

Open-ended, fun and challenging. There are endless ways to stack, nest and lock the building blocks together.

5 Colours: red, blue, yellow, green and white.



- Basic Constructions



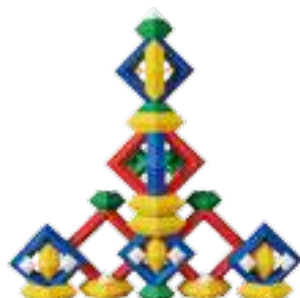
Pyramid Puzzles

C4004C03 (24pcs, colour box)

Includes: red x2, blue x2, yellow x4, green x6, white x9. Double-Sided Based Board x1.



- Dog



- Candelabra



- Basic Constructions



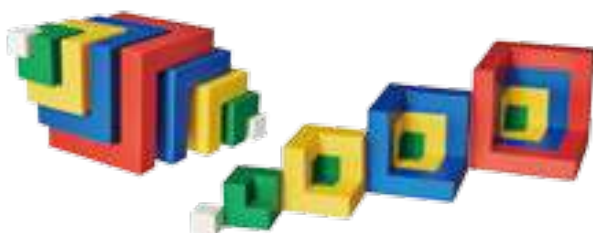
- Indian Art

Cube Puzzles

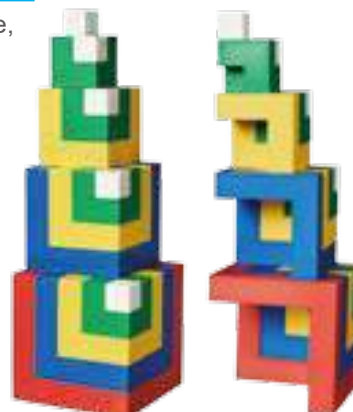
C4005C02 (15pcs, colour box)

Introduce children to the spatial world of angles, space, colour matching and creative free-play designing.

Includes: red x1, blue x2, yellow x3, green x4 and white x5.



- A stimulating and creative way to keep both the child's mind and body active!



- front view

- back view



Geometric Construction Set

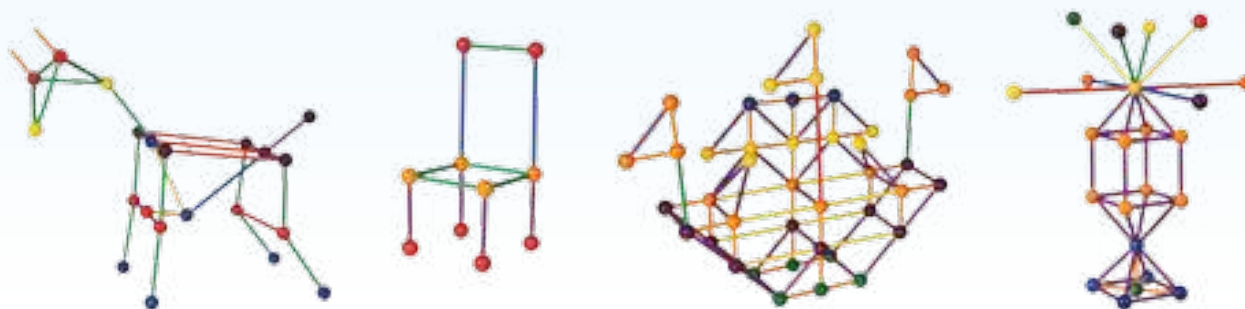
C4001C01 (330pcs, colour box)

A perfect learning tool for geometry, matching, creativity, chemistry and art.

Colours: red, yellow, blue, green, purple and orange.

Includes: 80 connecting balls and 250 sticks.

(12.4cm sticks (red) x40, 10.5cm sticks (blue) x40, 8.3cm sticks (yellow) x40, 6.9cm sticks (green) x45, 5.3cm sticks (purple) x45, 3.3cm sticks (orange) x40)



12.4cm (red)



10.5cm (blue)



8.3cm (yellow)



6.9cm (green)



5.3cm (purple)



3.3cm (orange)



1.7cm in diameter

- The balls are all the same size with 26 connecting holes each; the sticks come in groups of varying lengths.

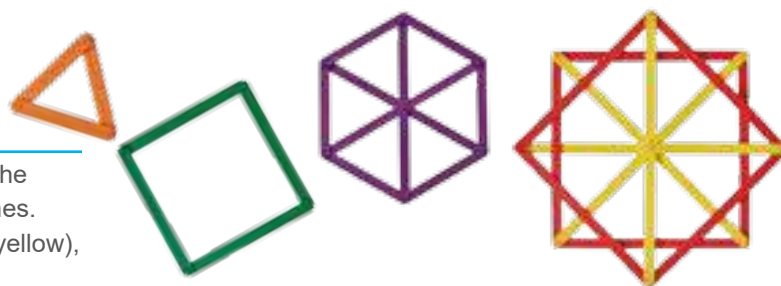
Colour

Geo Sticks

C8001A01 (72pcs)

Learn about shapes, angles, geometry, as well as the variations and relationships between angles and lines.

Measures: 14.14cm (red), 12.24cm (blue), 10cm (yellow), 8.66cm (green), 7.07cm (purple), 5cm (orange).



Transparent

Geo Sticks

C8005A01 (24pcs)

Can be used with a light box.

Measures: 28.28cm (red), 24.48cm (blue), 20cm (yellow), 17.32cm (green), 14.14cm (purple), 10cm (orange).



- Explore geometry through practical play.



Visit www.youthtoy.com for more product information and downloadable teaching guides.

1 gram

1 cm Linking Cubes

C5001A01 (1000pcs)

These Linking Cubes are each 1 cubic cm and weigh 1gram, making them the perfect tools to teach length, area, volume and weight.

Measures: 1cm x 1cm x 1cm.

10 Colours: red, yellow, blue, green, orange, pink, brown, black, white and light green.



- Can be used with Small Base Board to create different 2D and 3D shapes.

1 gram

Cubes with Baseboard

M5002C01 (101pcs, colour box)

1 gram Linking Cubes are each 1 cubic cm and weigh 1gram, making them the perfect tools to teach length, area, volume and weight.

Includes: 1g cubes x100, baseboard x1, images + box and activities.

Measures: 1cm x 1cm x 1cm.

10 Colours: red, yellow, blue, green, orange, pink, brown, black, white and light green.



- Also see M5002A02 on page 54, for 1gram 1cm cube baseboards.

2 cm Linking Cubes

C5005A01 (200pcs, 5 Colours)

C5005A02 (100pcs, 10 Colours)

C5005A03 (500pcs, 10 Colours)

C5005A04 (1000pcs, 10 Colours)

Measures: 2cm x 2cm x 2cm.

5 Colours: red, yellow, blue, green and white.

10 Colours: red, yellow, blue, green, orange, purple, brown, black, white and light green.

Shared Features

These 2 cm cubes can be used to measure length, area and volume. This develops children's problem-solving skills and the understanding of space.



- The colourful cubes stimulate a child's imagination and creativity.



- Together with the other 2 cm Linking Cube series (quadrants and triangles), children can create 2D and 3D shapes.

2 cm Linking

Quadrants

C5007A01 (200pcs)

5 Colours: red, yellow, blue, green and white.



2 cm Linking

Triangles

C5008A01 (300pcs)

5 Colours: red, yellow, blue, green and white.



2 cm Linking

Concaves

C5024A06 (50pcs)

5 Colours: red, yellow, blue, green and white.



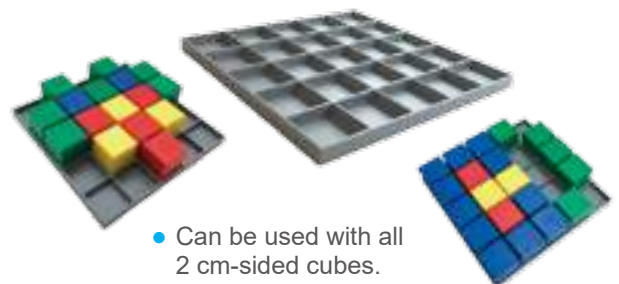
Square Base Board

C5005X35 (5x5 Squares)

25 squares. Can be used to teach basic math, coordinate systems, as well as to inspire artistry and creativity.

Measures 11.2cm x 11.2cm and 7mm thick.

Colour: grey



- Can be used with all 2 cm-sided cubes.

Geoboard Set

C7001C01 (5pcs, colour box)

Measures: 27.5cm x 27.5cm x 1cm

Includes: 5 boards with square/circle arrangement on each side; and 24pc x5 rubber bands

5 Colours: red, yellow, blue, green and orange.



Rainbow Circular/Square

Geoboards

C7017A01 (6pcs)

Measures: 12.5cm x 12.5cm x 1cm

Includes: circular/square arrangement on each side; and 24 rubber bands with each board.

6 Colours: red, yellow, blue, green, orange and purple.



square arrangement

circular arrangement

Rainbow Isometric/Square

Geoboards

C7003A22 (1pc), C7003A01 (6pcs)

Measures: 23cm x 23cm x 1cm

Includes: isometric/square arrangement on each side; and 24 rubber bands with each board.

6 Colours: red, yellow, blue, green, orange and purple.



square arrangement

isometric arrangement



Rainbow Circular/Square

Geoboards

C7014C02 (1pc, colour box)

Measures: 15cm x 15cm x 1cm

Includes: circular/square arrangement on each side; and 24pcs rubber bands.



Rainbow Circular/Square

Geoboards

C7014A01 (6pcs)

Measures: 15cm x 15cm x 1cm

Includes: circular/square arrangement on each side; and 24pcs x6 rubber bands.

6 Colours: red, yellow, blue, green, orange and purple.



circular arrangement

square arrangement

Shared Features

The **Fraction Arrangement Side** helps the child understand the properties, parts and angles of a circle. They also show the abstract concepts of whole numbers and fractions.

Fraction/Square

Geoboard (20cm)

C7009A01 (1pc)

Measures: 20cm x 20cm x 1.5cm.

Includes Circle fraction/square board arrangement; and 24pcs rubber bands.

Colour: yellow.



square arrangement



fraction arrangement



Circle Fraction/Square

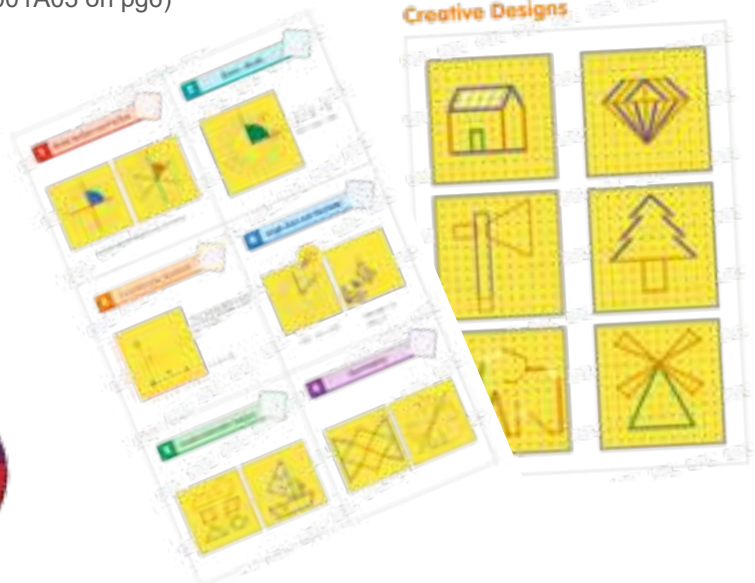
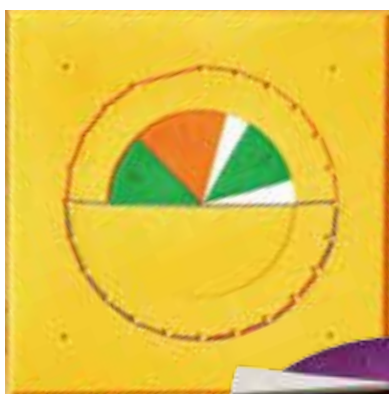
Geoboard (20cm) with Circle Fractions

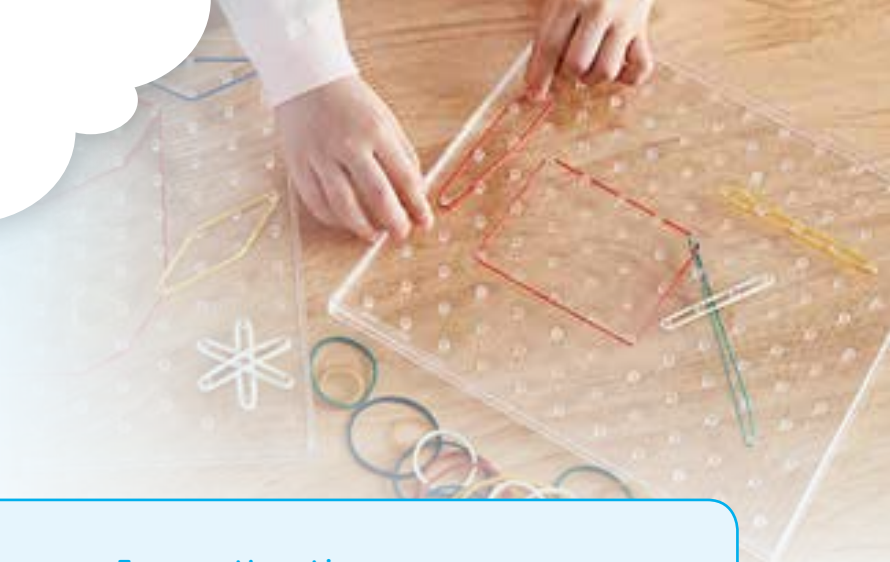
C7010C01 (76pcs, colour box)

Circle Fractions are effective tools to teach the properties of circles and the concept of fractions.

Measures: 20cm x 20cm x 1.5cm.

Includes: Circle fraction/square board arrangement; and 24pcs rubber bands.
75 piece soft fraction circles (see A1001A03 on pg6)





Transparent Circular/Square Geoboard(27cm)

C7002A01

The transparency allows children to combine the designs on both sides.

Measures: 27cm x 27cm x 1cm.

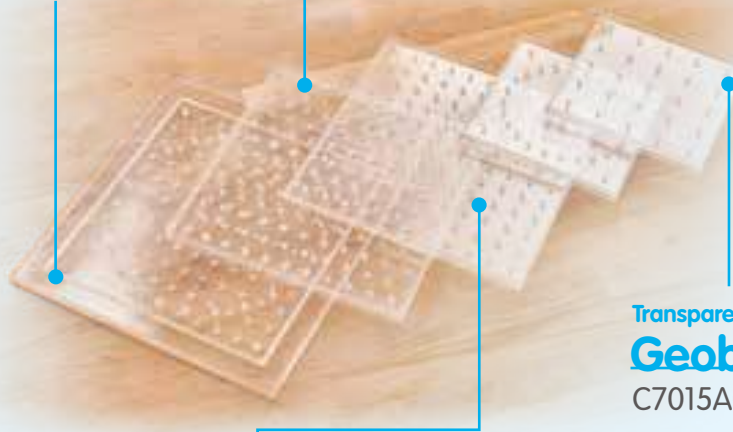
Includes: circular/square arrangement on each side; and 24pcs rubber bands.

Transparent Isometric Geoboard(23cm)

C7005A01

Measures: 23cm x 23cm x 1cm.

Includes: 24pcs rubber bands.



Transparent Square Geoboard(23cm)

C7004A01

Measures: 23cm x 23cm x 1cm.

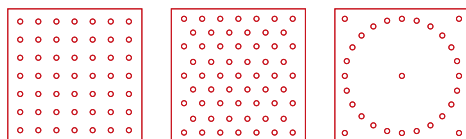
Includes: 24pcs rubber bands.

Transparent Square Geoboard(15cm)

C7015A01

Measures: 15cm x 15cm x 1cm.

Includes: 24pcs rubber bands.



- square arrangement
- isometric arrangement
- circular arrangement

• The special hook design on top of each peg allows the bands to stay in place.

- **Circular Arrangement:** properties, parts and angles of a circle.
- **Square Arrangement:** concepts of angles, symmetry and coordinate systems.
- **Isometric Arrangement:** construct geometric figures that cannot be made with square arrangement.
- Children make discoveries about length, space and fractions through making, combining and dividing different shapes.

Shared Features

Children develop creativity, hand-eye coordination and fine motor skills through practical play.

By exploring different patterns and designs, children are exposed to basic mathematical concepts.

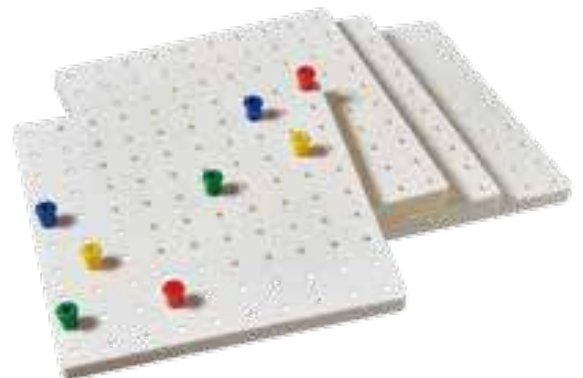
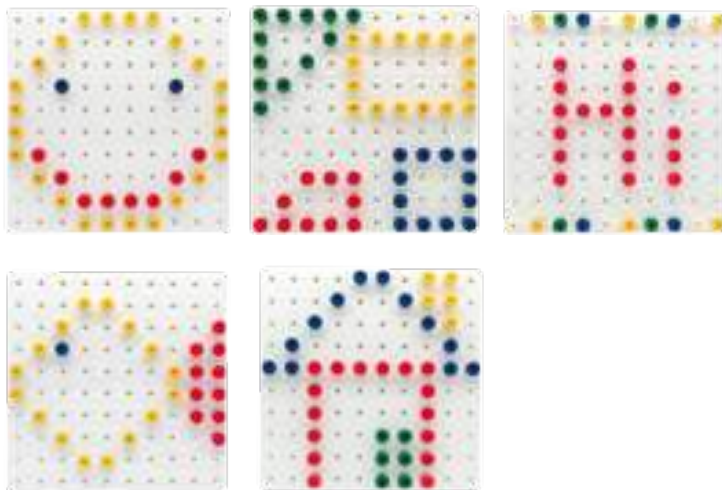


Peg Board with Colour Pegs

C7020A01 (1005pcs)

Through peg board play children develop colour sorting, counting and sequencing skills.

Includes: 5 white peg boards (20cm x 20cm) and 1000 small colour pegs (red, yellow, blue, green and white).



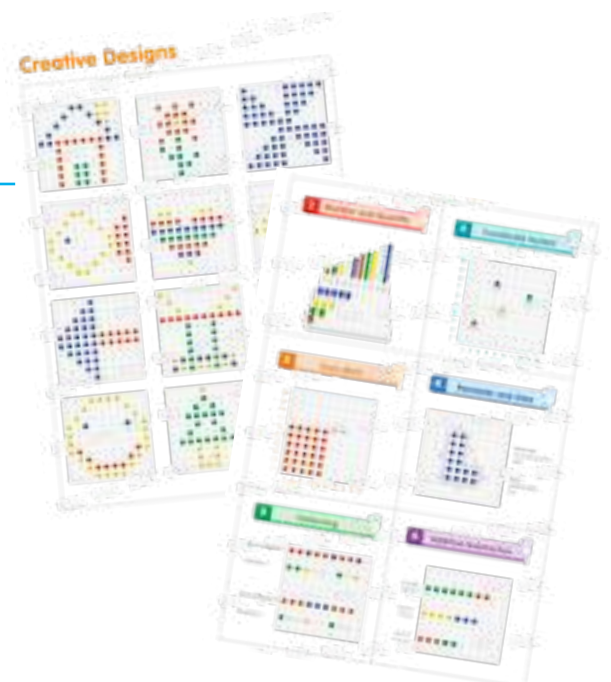
Peg Board with Colour Pegs

C7020C04 (101pcs in box)

Children can develop colour sorting, counting, sequencing abilities.

Includes: One peg board with 100 pegs and 6 learning activities

5 Colour Pegs: red, yellow, blue, green and white



Each animal and hand has a different design and lacing arrangement to stimulate children's observational and problem solving skills.



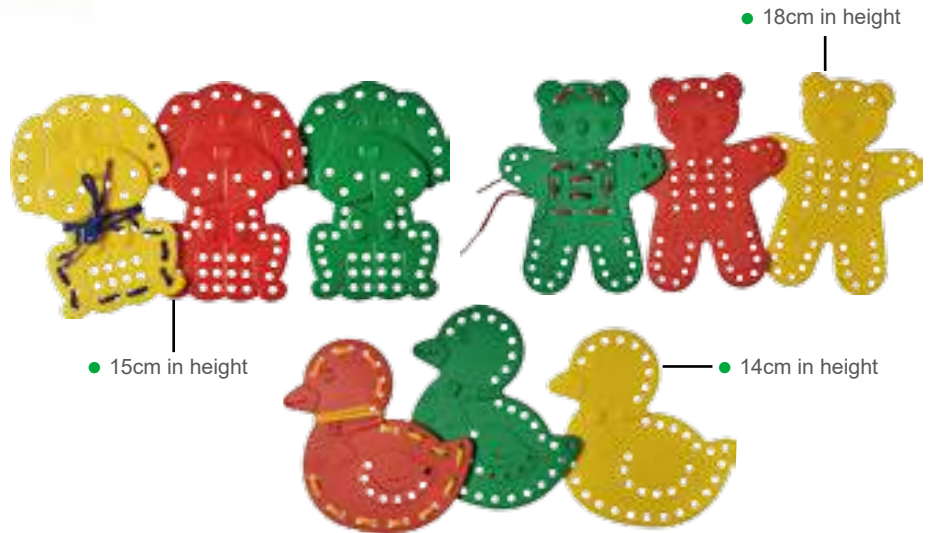
Large Stitch-n-Learn Animals

D1001A01 (9pcs)

The fun animals can be used as stencils for drawing and colouring.

3 shapes: bear, dog and duck.

3 Colours: red, yellow and green.



Stitch-n-Learn Hands

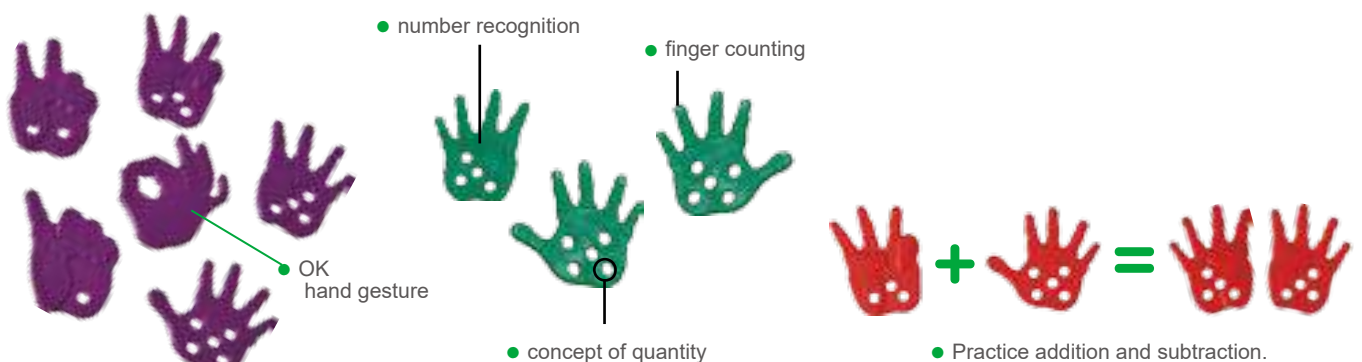
D1004A01 (72pcs)

Each hand has a set number of holes that correspond to the hand's counting fingers.

Includes: right and left hands (#1-5 and OK hand gesture)

Measures: 4.5cm in height.

6 Colours: red, yellow, blue, green, orange and purple.



Shared Features

Children use the beads to develop focus, colour recognition, sorting skills, counting ability and basic math concepts, such as addition and subtraction



Small Shapes

Lacing Beads D2003A01 (650pcs)

Measures: 1.3cm in diameter.

Includes: spheres, cubes, cylinders, ovals and 9 laces.

4 Colours: red, yellow, blue and green.



Large Shapes

Lacing Beads D2001A01 (160pcs)

Measures: 2.1cm in diameter.

Includes: spheres, cubes, cylinders, ovals and 9 laces.

4 Colours: red, yellow, blue and green.



Jumbo Shapes

Lacing Beads D2006A01 (48pcs)

Measures: 3.7cm in diameter.

Includes: spheres, cubes, cylinders, ovals and 6 laces.

6 Colours: red, yellow, blue, green, orange and purple.



Donut

Lacing Beads D2005A01 (200pcs)

Measures: 25.5cm (bead) and 5mm (hole) in diameter.

Includes: 6 laces.

5 Colours: red, yellow, blue, green and white.



Round

Lacing Beads D2004A01 (300pcs)

Measures: 1.8cm in diameter.

Includes: 6 laces.

5 Colours: red, yellow, blue, green and white.



- The laces have longer aglets so children can strengthen hand-eye coordination and fine motor-skills easily.

Shared Features

These buttons are colourful, durable and easy to clean; they stimulate the child's sense of touch and creativity. Stacking and lacing improve focus, hand-eye coordination and patience.

Lacing Play Spools/Cotton Reels

D3008A01 (4 Colours, 122 pcs)

Includes: 120 Lacing Spools, 2 Happy Face Stoppers and 6 Laces.

4 Colours: red, yellow, blue and green.



Cotton Reels BULK

(minimum order quantity per colour)

D3008X07 (Blue)

D3008X08 (Green)

D3008X05 (Red)

D3008X06 (Yellow)

Round

Lacing Buttons

D3006A01 (220 pcs)

Measures: 4cm in diameter.

Includes: 218 Round Buttons (1-5 holes), 2 Happy Face Stoppers and 6 Laces.

5 Colours: red, yellow, blue, green and white.



Jumbo

Lacing Buttons

D3005A01 (54 pcs)

Measures: 3-7cm in diameter.

Includes: 50 Buttons (5 sizes per set, 2 sets of 5-colours), 4 Happy Face Stoppers and 6 Laces.

5 Colour Buttons: red, yellow, blue, green and white.



• The enclosed Happy Face Stoppers also keep all the laced buttons from falling away.





Shared Features

Can be used with tape and glue for various arts and crafts projects, collections, sewing projects and scrapbook decorations, etc. Children can also use them as stencils for drawing and colouring.

Lacing Shapes

D3007A01 (81pcs)

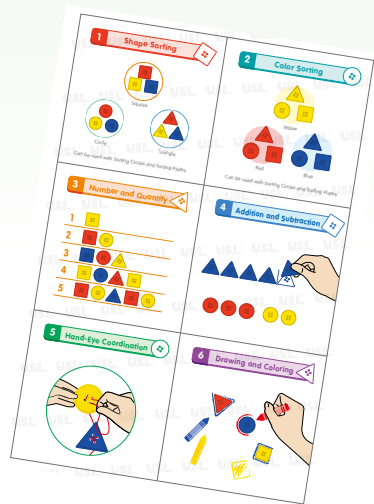
Perfect for teaching colours, counting, basic shapes and sorting.

Includes: square, triangle and circle. Each buttons has 4 holes.

3 Laces.

Measures: Circle ~ 5cm in diameter.

3 Colours: red, yellow and blue.



Large Craft Buttons

D3010A01 (colour, assorted 90pcs)

D3012A01 (transparent, assorted 90pcs)

Includes: square, triangle, circle, oval, hexagon, heart, star and flower.

Measures: Circle ~ 4cm in diameter.

10 Colours: red, yellow, blue, green, orange, purple, pink, light blue, black and white.

9 Colours: red, yellow, blue, green, orange, purple, pink, black and white.



● Large Transparent / Colour Craft Buttons have the same shapes.



Small Craft Buttons

D3011A01 (colour, assorted 400pcs)

D3013A01 (transparent, assorted 400pcs)

Includes: triangle, rectangle, circle, heart, star, ribbon, bear, bear head; 2 types of squares, 2 types of hexagons and 2 types of flowers.

Measures: Circle ~ 2.5cm in diameter.

10 Colours: red, yellow, blue, green, orange, purple, pink, light blue, black and white.

9 Colours: red, yellow, blue, green, orange, purple, pink, black and white.



● Small Transparent / Colour Craft Buttons have the same shapes.

Shared Features

Children use the links to develop hand-eye coordination, focus, counting skills, colour and shape recognition and sorting ability.

3-Shape

Geolinks

D3003A01 (500pcs)

Includes square, triangle and circle.

Measures: Circle 3.3cm in diameter.

4 Colours: red, yellow, blue and green.

5-Shape 2-Size

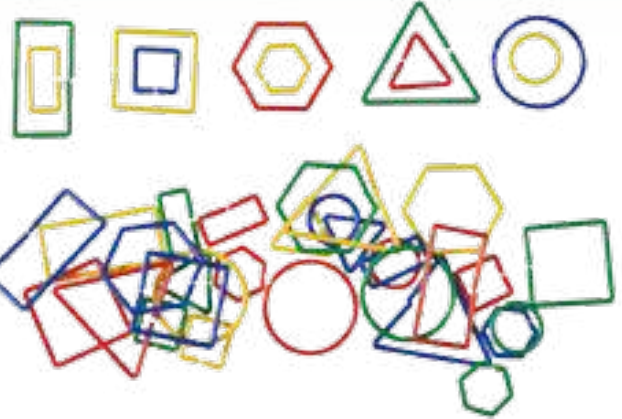
Geolinks

D3004A01 (40pcs)

Includes square, rectangle, circle, triangle, hexagon.

Measures: 2 sizes each. Large circle 5.5cm in diameter.

4 Colours: red, yellow, blue and green.



Large

Counting Links

D3002A01 (200pcs)

Measures: 7cm x 5cm.

4 Colours: red, yellow, blue and green.

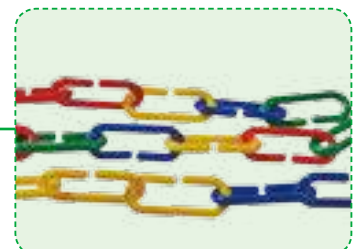
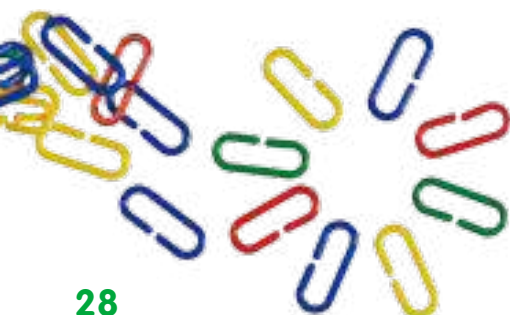


Counting Links

D3001A01 (500pcs)

Measures: 4.2cm x 1.7cm.

4 Colours: red, yellow, blue and green.



Jumbo Moving Blocks

E2004A01 (45pcs)

Strengthen concentration, hand-eye coordination and fine motor skills.

Includes: small and large wheels, mixed blocks and men.



Medium Multi Shape Blocks

E2006A01 (300pcs)

Includes: mixed blocks in various sizes and shapes.



E

Large Animal Train Blocks

E2005A01 (110pcs)

Build movable vehicles and learn different animal names.

Includes: giraffe, horse, lion, men, trolley and mixed blocks.



Shared Features

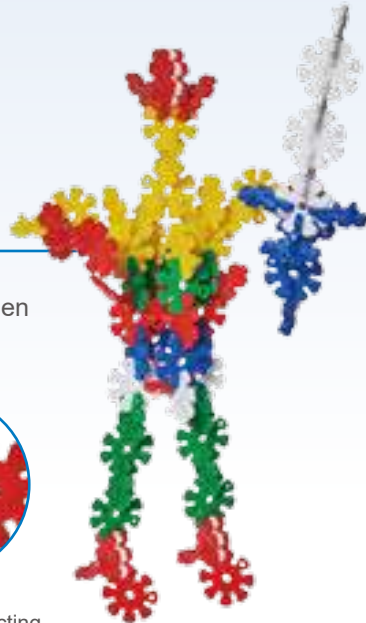
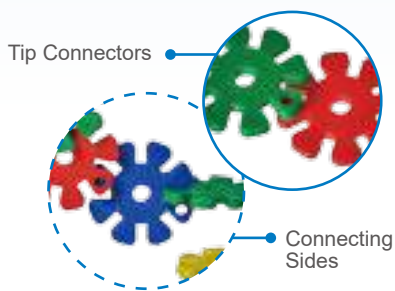
Small Round Geoflakes and Large Round Geoflakes have tip connectors that allow the pieces to snap together, in addition to the connecting sides.

Small Round Geoflakes

E1001A01 (1400pcs)

Measures: 2.5cm in diameter.

5 Colours: red, yellow, blue, green and white.



Jumbo Round Geoflakes

E1003A01 (50pcs)

Measures: 10cm in diameter.

5 Colours: red, yellow, blue, green and white.



Large Round Geoflakes

E1002A01 (160pcs)

Measures: 6cm in diameter.

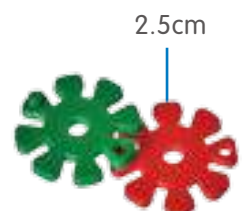
5 Colours: red, yellow, blue, green and white.



• Jumbo Geoflakes



• Large Geoflakes



• Small Geoflakes

Shared Features

Develop focus, counting skills, colour and shape recognition, sorting ability, sequencing, patterning and simple mathematics.

5-Shape

Geoflakes

E1004A01 (950pcs)

Can be connected through tip connectors and connecting sides.

Includes: oval, rectangle, square, triangle and pentagon.

5 Colours: red, yellow, blue, green and white.



Small Pattern

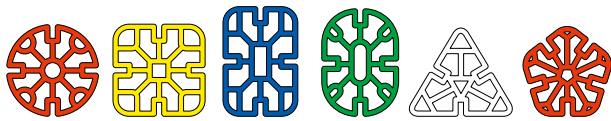
Geoflakes

E2003A01 (1200pcs)

Includes: six patterns.

Measures: 2.5cm in diameter.

5 Colours: red, yellow, blue, green and white.



8-Shape

Geoflakes

E1005A01 (125pcs)

Includes: large circle, flat oval, square, regular triangle, semi-circle, octagon, v-shape and isosceles triangle.

5 Colours: red, yellow, blue, green and white.



Large Pattern

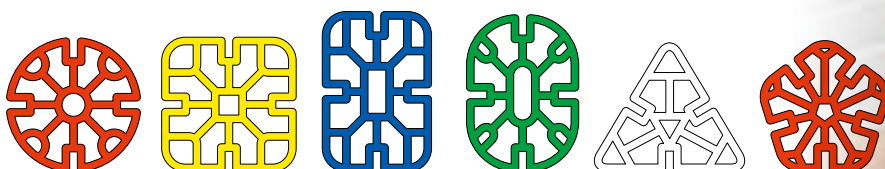
Geoflakes

E2002A01 (145pcs)

Measures: 5cm in diameter.

Includes: the same six patterns as Small Pattern Geoflakes.

5 Colours: red, yellow, blue, green and white.



Shared Features

The movable models can also be rotated in different ways which stimulates creativity and demonstrates the concept of space and layers.

Gymnast Builders

E3004A01 (40pcs)

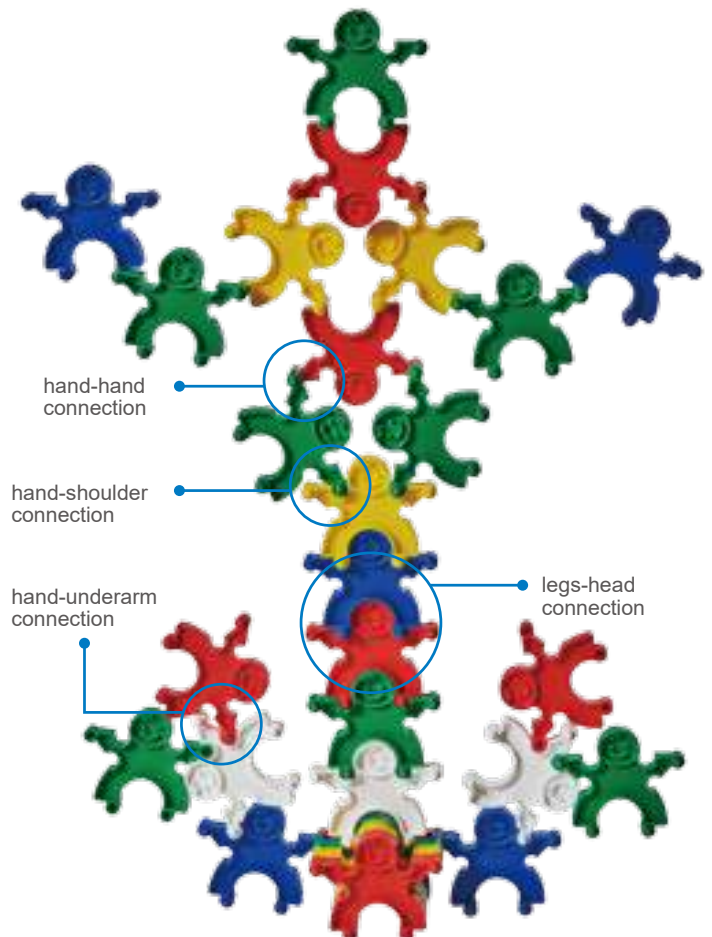
Includes: grey rods (4pcs); red, yellow, blue, green and orange gymnasts (4pcs each); large white wheels (8pcs) and small blue wheels (8pcs).



Baby Builders

E3005A01 (120pcs)

5 Colours: red, yellow, blue, green and white.



Shared Features

Children need to match the shaped connectors to put two pieces together, which strengthen observational skills, hand-eye coordination and fine motor skills.

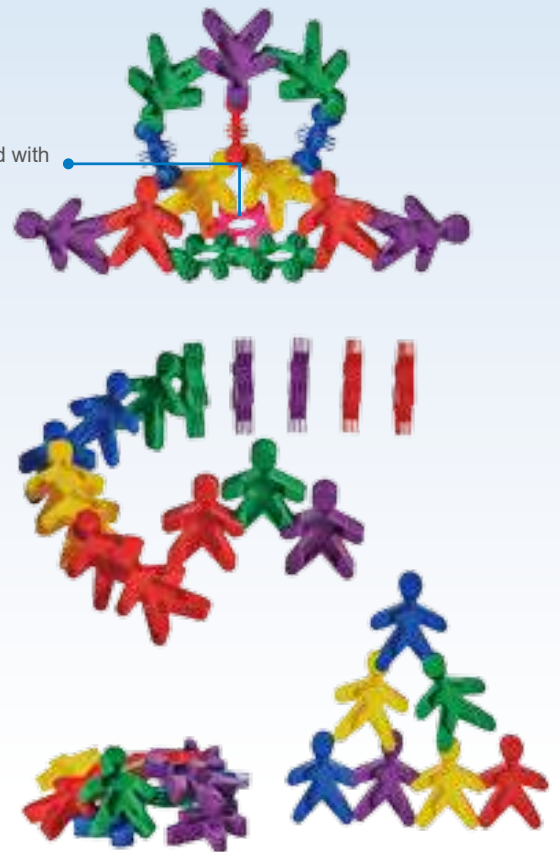
People Builders

E3003A01 (100pcs)

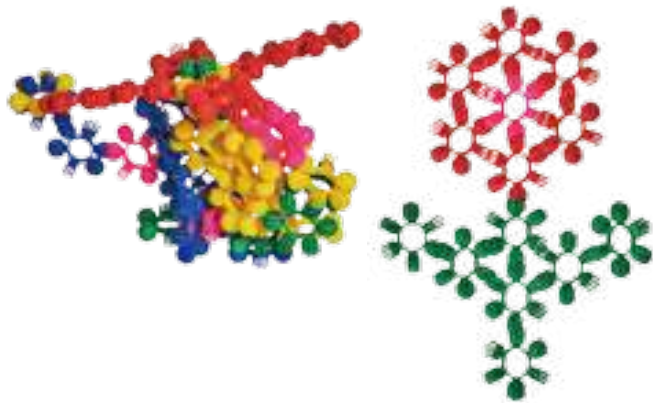
Can be used for dominoes effect or stacking.
5 Colours: red, yellow, blue, green and purple.



• soft and durable



Can be connected with Flower Builders.



Flower Builders

E2007A01 (soft, 80pcs)

Can be used to create 2D or 3D designs.
6 Colours: red, yellow, blue, green, white and pink.



E

Animal Builders

E3010A01 (72pcs)

Includes: mouse, cow, tiger, rabbit, goat, monkey, dog, pig, lion, bear, cat and elephant.

6 colours in red, yellow, blue, green, orange and purple.

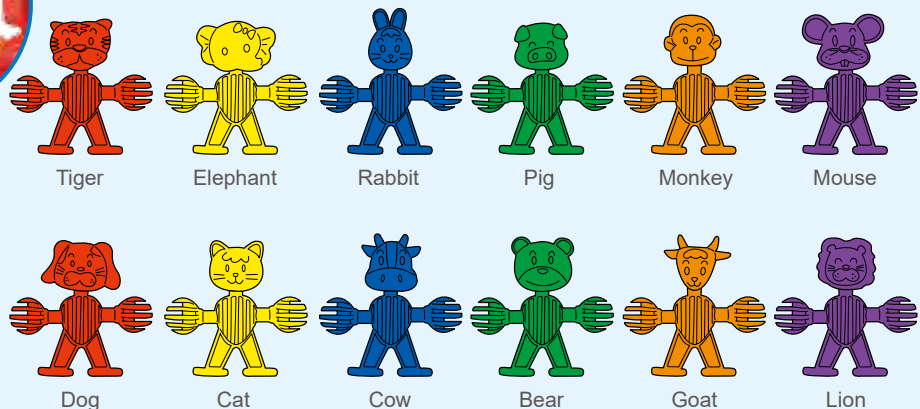


• Different front and back designs.

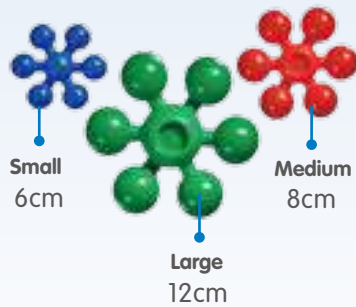
• Durable, soft and safe.



• Children need to match the shaped animal heads and hands to put them together.



These hollow builders are lightweight and are the perfect size for children's hands. They strengthen focus, hand-eye coordination and fine motor skills.

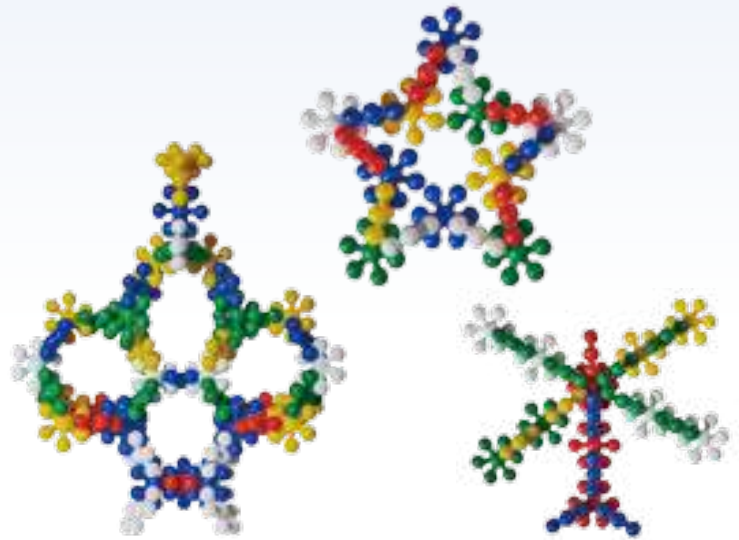


Small Bubble Builders

E2009A01 (90pcs)

Measures: 6cm in diameter.

5 Colours: red, yellow, blue, green and white.



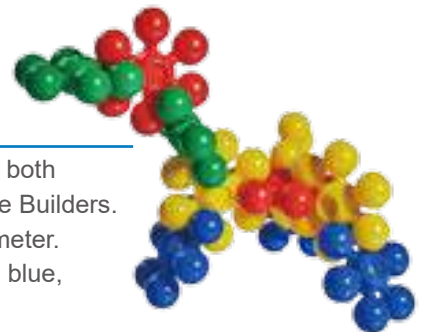
Medium Bubble Builders

E2010A01 (45pcs)

Can be connected with both
Small and Large Bubble Builders.

Measures: 8cm in diameter.

5 Colours: red, yellow, blue,
green and white.



Large Bubble Builders

E2011A01 (20pcs)

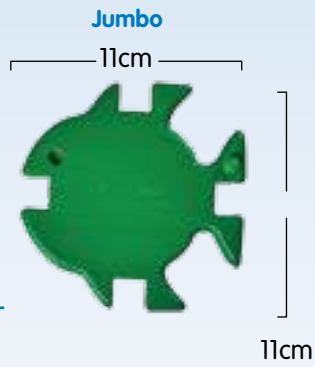
Measures: 12cm in diameter.

5 Colours: red, yellow, blue, green and white.



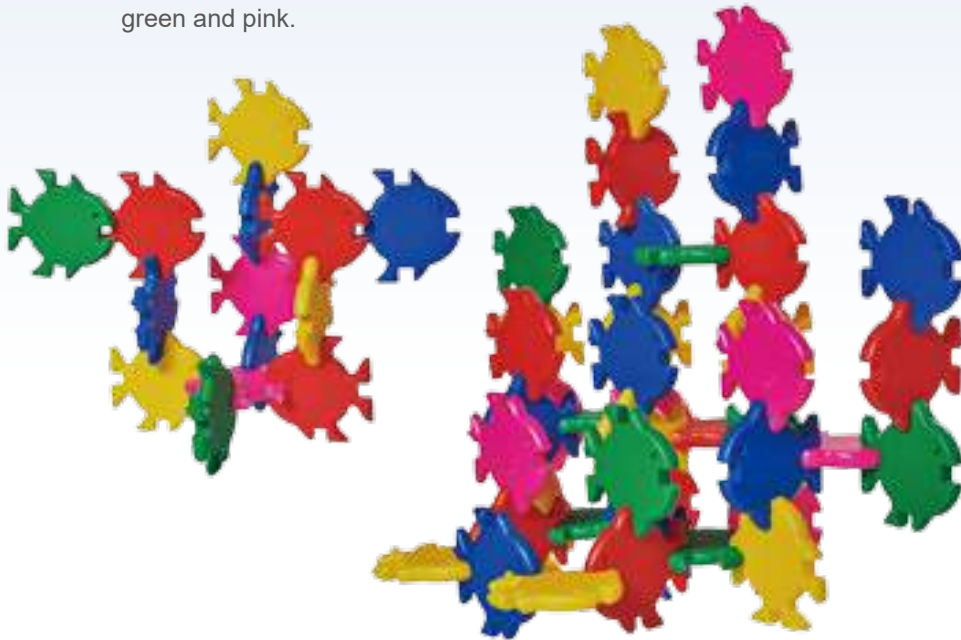
**Jumbo Fish (Hollow)
Builders**
E3006A01 (30pcs)

Measures: 11cm in diameter.
5 Colours: red, yellow, blue, green and pink.



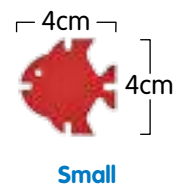
**Shared
Features**

In addition to the connecting sides, the fish builders also have tip connectors that allow the pieces to snap together.



**Small Fish (Solid)
Builders**
E3008A01 (400pcs)

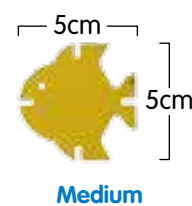
Measures: 4cm in diameter.
4 Colours: red, yellow, blue and green.



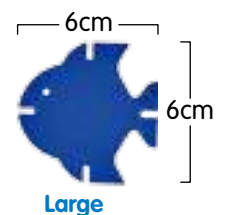
Small

**Mixed Fish (Solid)
Builders**
E3007A01 (420pcs)

Measures: 4cm, 5cm and 6 cm in diameter.
4 Colours: red, yellow, blue and green.



Medium



Large



Children can learn about numbers, addition and subtraction from Number Builders; and about the alphabet, spelling and words from English Builders.

Number Builders

E2023A01 (64pcs)

Includes: 0-9, Symbols, $+$ $-$ \times \div $=$ (3pcs each, total 45pcs), and building parts (19pcs).



$$4 + 5 = 9$$

$$6 \div 2 = 3$$

3



Spelling Practice

English Builders

E2024A01 (60pcs)

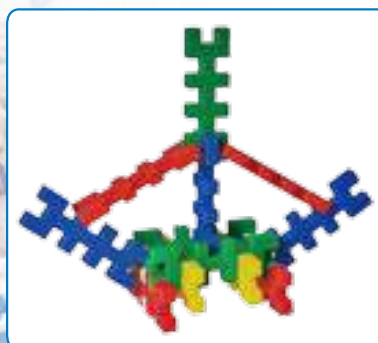
Includes: 26 alphabets (2pcs each) and building parts (8pcs).



Double Plus Builders

E2025A01 (80pcs)

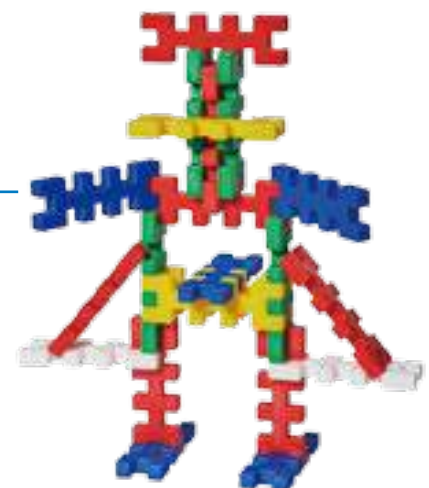
5 Colours: red, yellow, blue, green and white.



Fishbone Builders

E2026A01 (40pcs)

5 Colours: red, yellow, blue, green and white.





Shared Features

Strengthen focus, hand-eye coordination and fine motor-skills.



Hexagon (6-sided)

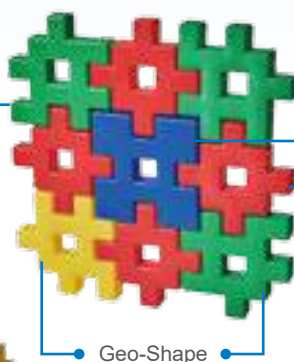
Builders E2013A01 (35pcs)

5 Colours: red, yellow, blue, green and white.

Large Square

Builders E2014A01 (30pcs)

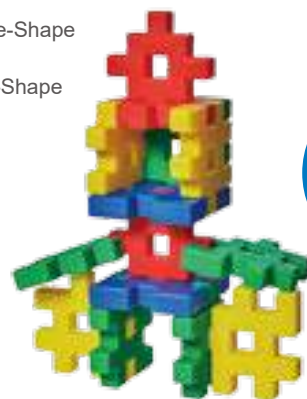
Includes: geo-shape in yellow and green; square-shape in blue; and cross-shape in red.



Square-Shape

Cross-Shape

Geo-Shape



E

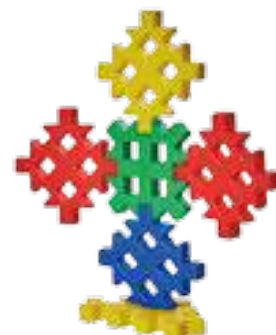


Square & Triangle

Builders E2015A01 (40pcs)

Includes: square and triangle.

4 Colours: red, yellow, blue and green.



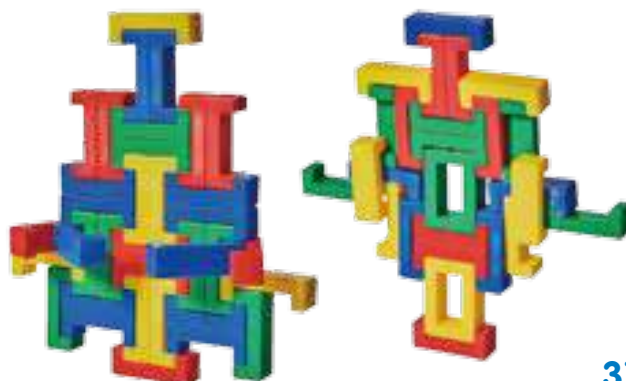
Bench

Builders E2028A01 (100pcs)

The simplified version of Burr Puzzles, based on the ancient wisdom of Chinese architecture. The interlocking puzzles are precisely notched rods that can be fitted together without the use of additional connectors.

Measures: 6cm x 2cm x 2cm

4 Colours: red, yellow, blue and green.



Set A

Zoo Builders E3001A01 (89pcs)

Includes: lion and tiger in red; man and giraffe in yellow; elephant in blue; camel in green, rhinoceros in orange; hippo in pink; and building blocks (basic, 3-hole, #-shaped and + shaped).



Set B

Zoo Builders E3001A02 (86pcs)

Includes: dachshund in orange; man and horse in yellow; rabbit in blue; duck in green; ape in pink; dog and monkey in white; and building blocks (basic, 5-hole and H-shaped).



Set C

Zoo Builders E3001A03 (92pcs)

Includes: dachshund in orange; man and horse in yellow; rabbit in blue; duck in green; ape in pink; dog and monkey in white; and building blocks (basic, small and large A-shaped, H-shaped).

- Develop social and communication skills with a friend.



Set D

Zoo Builders E3001A04 (96pcs)

Includes: lion and tiger in red; man and giraffe in yellow; elephant in blue; camel in green; rhinoceros in orange; hippo in pink; building blocks (basic, M-shaped, #-shaped and + shaped).

- Let the child be creative and have fun.

Zoo

Animal Separates E3002A01 (75pcs)

Includes: lion and tiger in red; man, giraffe and horse in yellow; elephant and rabbit in blue; camel and duck in green; rhinoceros and dachshund in orange; hippo and ape in pink; dog and monkey in white.



Wheely Circus Builders

E2019A01 (60pcs)

Includes: people, giraffe and horse in yellow; elephant and rabbit in blue; duck and camel in green; 6-shaped blocks and wheels.



• 6-shaped blocks



• Have fun with the movable ferris wheel.

Clown Builders

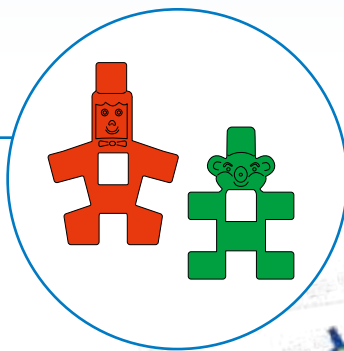
Builders

E3009A01 (60pcs)

Includes: hollow builders in two shapes.

Measures: bear 7.5cm and clown 8.7cm in height.

5 Colours: in red, yellow, blue, green and white.



Creative Large Builders

Builders

E2029C01 (73pcs, colour box)

Includes: square, triangle, rectangle, circle, oval, cylinder and cone.

Measures: circle 11.2cm in diameter.

5 Colours: red, yellow, blue, green and white.



Circus

Builders

E3013A01 (74pcs)

Includes: elephant, horse, rabbit and building parts (legs and wings).

6 Colours: red, yellow, blue, green, white and pink.



These builders are colourful, easy to clean and the perfect size for children's hands.



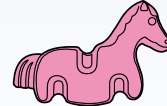
Legs



Wings



Rabbit



Horse



Elephant



Large Rabbit

Builders

E3012T01 (20pcs)

Measures: 16cm x 16cm x 4cm.

4 Colours: red, yellow, blue and green.

- Rabbit Builders used in a domino effect develops patience and spacial relations understanding.



- detailed rabbit features

Small Rabbit

Builders

E3011A01 (50pcs)

Measures: 8cm x 8cm x 2cm.

5 Colours: red, yellow, blue, green and white.



- rabbit domino effect



Horseshoe Builders

E2027A01 (90pcs)

Includes 6cm in diameter.

5 Colours: red, yellow, blue, green and white.



Curvy Builders

E2017A01 (40pcs)

Includes: 1 Happy Face Stopper and 1 set of eye-stickers.

4 Colours: red, yellow blue and white.



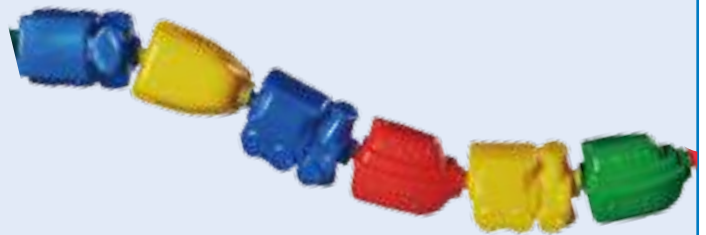
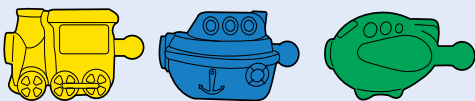
E

Click-n-Link Vehicles

E2021A01 (36pcs)

Includes: train, airplane and boat.

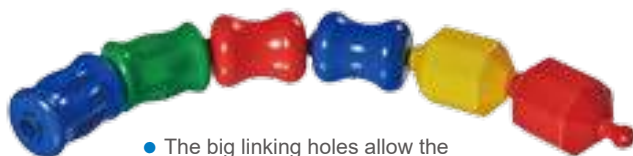
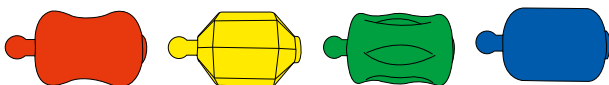
4 Colours: red, yellow, blue and green.



Click-n-Link Shapes

E2022A01 (32pcs)

4 Colours: red, yellow, blue and green.



- The big linking holes allow the child to easily strengthen hand-eye coordination and fine motor skills.



These counters are soft, durable, safe and easy to clean. They develop a child's sense of touch, observation and logic.

Dinosaur Counters

F1001A01 (128pcs)

Includes 8 shapes: Brachiosaurus, Tyrannosaurus, Pterosaur, Triceratops, Ankylosaurus, Stegosaurus, Parasaurolophus and Spinosaurus.

4 Colours: red, yellow, blue and green.



Insect Counters

F1010A01 (72pcs)

The water-proof insects add fun to bath-time and outdoor activities.

Includes 12 shapes: dragonfly, stag beetle, bee, spider, grasshopper, ladybug, butterfly, cockroach, ant, caterpillar, beetle and scorpion.

6 Colours: red, yellow, blue, green, orange and purple.



Aquatic Animal Counters

F1011A01 (84pcs)

Includes 14 shapes: whale, shark, swordfish, dolphin, fur seal, turtle, seahorse, starfish, frog, octopus, penguin, crab, lobster and stingray.

6 Colours: red, yellow, blue, green, orange and purple.





Shared Features

Children can compare the differences between land and aquatic animals.

Farm Animal Counters

F1013A01 (72pcs)

Includes 6 shapes: duck, cow, sheep, horse, pig and chicken.

6 Colours: red, yellow, blue, green, orange and purple.



Wild Animal Counters

F1002A01 (120pcs)

Includes 10 shapes: kangaroo, gorilla, rhinoceros, elephant, tiger, camel, giraffe, hippopotamus, bear and lion.

4 Colours: red, yellow, blue and green.



Animal Counters

F1003A01 (192pcs)

Includes 12 shapes: chicken, rabbit, cow, goat, dog, monkey, deer, sheep, horse, cat, pig and duck.

4 Colours: red, yellow, blue and green.



With the combination of other animal
counters, children can build an
animal world on their own.

Solid

Pet Counters

F1015A01 (72pcs)

Includes 6 shapes: fish, dog, cat, rabbit, tortoise and bird.

6 Colours: red, yellow, blue, green, orange and purple.



finemotor skills



- Solid soft counters can be bend.

Hollow

Large Pet Counters

F1016A01 (48pcs)

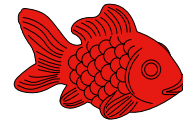
Includes 6 shapes: fish (red), duck (yellow), cat (blue), rabbit (green),
tortoise (orange) and dog (purple).



Relational Size

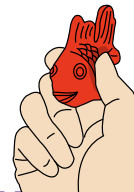


- Pet Counter



- Large Pet Counter

finemotor skills



- Hollow counters can be squeezed.

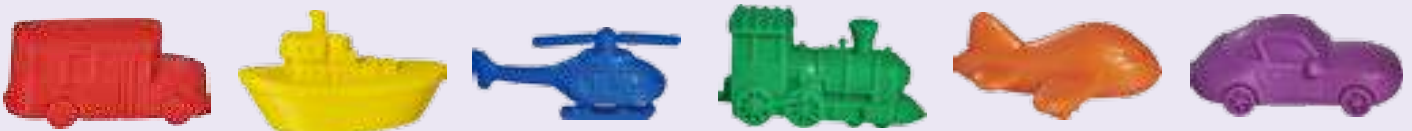
Vehicle Counters

F1012A01 (72pcs)

These fun vehicles are conveniently pocket sized, making them perfect for outdoor teaching and traveling.

Includes 6 shapes: car, train, helicopter, airplane, ship and school bus.

6 Colours: red, yellow, blue, green, orange and purple.





Shared Features

With the combination of other fruit counters and play money, children can do role plays for kitchens, restaurants and stores, to develop communication, transaction and social skills.

Mixed Fruit Counters

F1007A01 (108pcs)

Includes 6 shapes: strawberry (red), banana (yellow), blueberries (blue), apple (green), orange (orange) and grapes (purple).



Tropical Fruit Counters

F1008A01 (96pcs)

Includes 6 shapes: tomato (red), pineapple (orange), papaya (yellow), lemon (green), carambola (light green) and pear (green).



Vegetable Counters

F1009A02 (144pcs)

Includes 6 shapes: capsicum/red pepper (red), corn (yellow), cucumber (green), carrot (orange), eggplant (purple) and garlic (white).



Geo

Nuts and Bolts

G1001A01 (64pcs)

Children learn to identify and memorize connecting shapes and colours

Includes 4 shapes: square, triangle, hexagon and cross.

4 Colours: red, yellow, blue and green. 2 sets per colour.

Each nut and bolt combination has a specific shape.



Shape Sorting Box

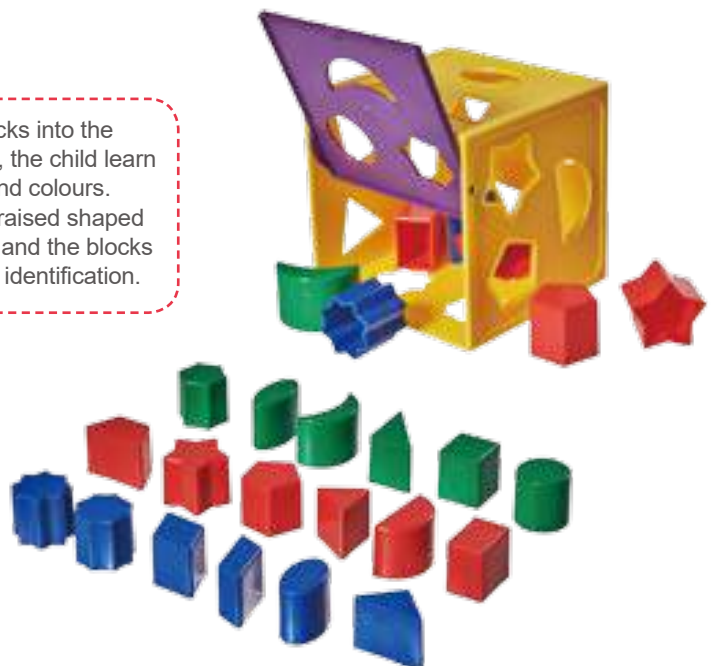
G1002B01 (18pcs)

Includes: a sorting box (yellow) with a lid (purple). Hollow shaped blocks (square, circle, flat oval, right triangle, hexagon, trapezoid, moon, rectangle, regular triangle, pentagon, semi-circle, star, isosceles triangle, parallelogram, diamond, oval, octagon and flower.)

3 Colours: red, blue and green.



When fitting the blocks into the corresponding slots, the child learn to identify shapes and colours. The corresponding raised shaped patterns on the box and the blocks also allow for tactile identification.



Purple Dominoes

G2004A02 (28pcs)

Number 1-6.

Measures: 2.5cm x 2.5cm.

Colour: purple.



- Number matching on both ends.

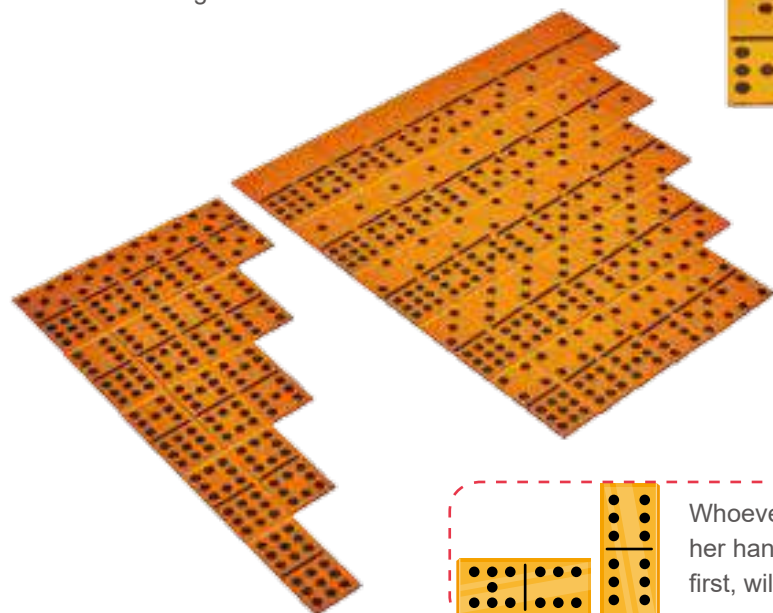
Orange Dominoes

G2004A03 (55pcs)

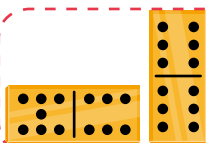
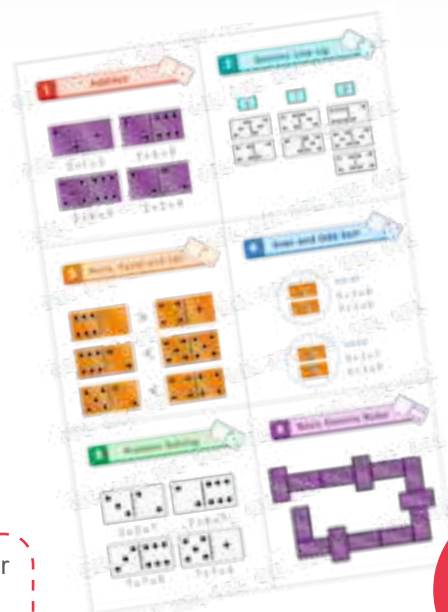
Number 1-9.

Measures: 2.5cm x 2.5cm.

Colour: orange.



- Dominoes are a great way for young children to "see" numbers.



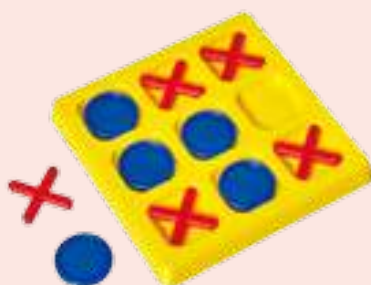
Whoever empties his or her hand of dominoes first, will be the winner.

G

Tic Tac Toe

G3001C01 (colour box)

Includes: Board and o/x pieces.



Moon Puzzles

G3002C01 (colour box)

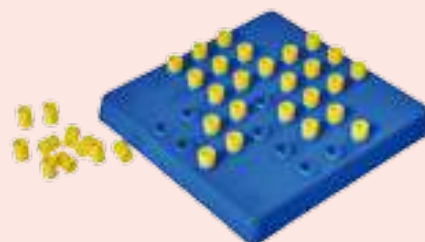
Includes: Board and 9 shapes that makes a circle.



Peg Game

G3003C01 (colour box)

Includes: Board and 35 pegs.



with Numbered Bear Weights and hanging trays.

Visual Number Balance

M2002C01 (colour box)

Numbered Bear Weights add variety, depth and fun to play.

Includes: Numbered Bear Weights (blue, 12pcs), number weights (#1-4 in green and #5-9 in orange), bear stickers, trays (white), hanging strings (white),



Visual Number Balance

M2003C01 (colour box)

Includes: bear stickers, number weights (#1-4 in green, #5-9 in orange).



Small

Seesaw Balance

M2005A01

Easy to store and carry.

Includes: red balance (20cm) x1, 1 cm metric cubes (white) x10.



Large

Seesaw Balance

M2004A01

Ideal for demonstrations.

Includes: red balance (56cm) x1, 2 cm metric cubes (white) x10.

Small Seesaw
Balance

Large Seesaw
Balance



Shared Features

Through practical play, children can also practice basic mathematics, such as addition and subtraction.

Seated Square

Bucket Balance

M2008B04 (green, no weights, white box)

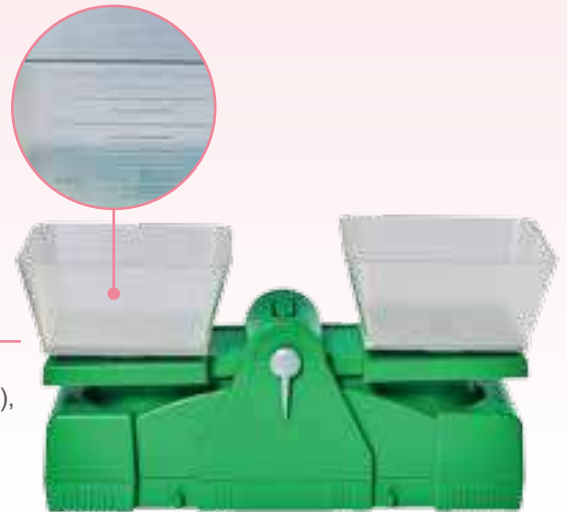
M2008B01 (green, with weights, white box)

The transparent buckets allow children to see what's inside.

Includes: 1 balance (green), 2 platforms (grey), 1 adjustment knob (grey), 1 needle (grey) and 2 square buckets (transparent).

Weight Storage: 1 green container, 1 weight set and a grey tongs.

- clear markings



- Weight are marked



- M2008B01 comes with a weight set.

Weight Set

M2008B08 (10pcs, white box)

Includes: 50g x1, 20g x1, 10g x2, 5g x2, 2g x2, 1g x2

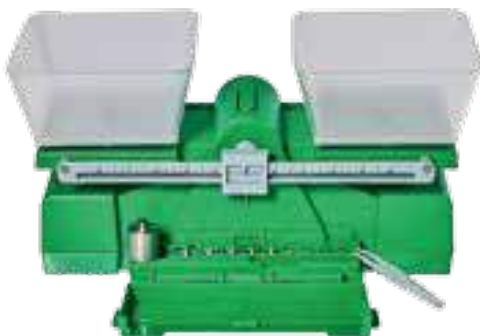
with Beam and Weights

Bucket Balance

M2009B06 (green, weights, white box)

The sliding mass on the beam adds precision when weighing objects.

Includes: 1 balance (green), 2 platforms (grey), 1 adjustment knob (grey), 1 needle (grey), 2 square buckets (transparent) and a weight set.



Seated Round

Bucket Balance

M2007B01 (green, white box)

The two calibrated interchangeable buckets are easy to clean and fill

Includes: 1 balance (green), 2 platforms (grey), 1 adjustment knob (grey), 1 needle (grey) and 2 round buckets (transparent).



Children learn basic mathematics and logical thinking through observation.

with Number Bear Weights

Covered Bucket Balance

M2001C01 (colour box)

Number Bear Weights physically represent the concept of numbers.

Includes: a yellow balance, a green adjustment knob, 2 transparent buckets and 2 lids in red and blue. Numbered Bear Weights in red and blue (3g x6, 6g x2, 9g x2, 12g x2).



Hanging Bucket Balance

M2011B01 (white box)

The deep calibrated buckets can keep the contents safe and hold up to 1 liter of liquid.

Includes: 1 green lever and base , 1 yellow stand and adjustment knob, 2 white hanging strings and 2 transparent one liter buckets.



- Children can experiment with the different weights.

Square Bucket Balance

M2013B01 (white box)

Children develop observational skills, and logical thinking.

Includes: 1 blue stand and adjusment knob, 1 yellow lever, 4 resistant pads and 2 transparent one litre buckets.



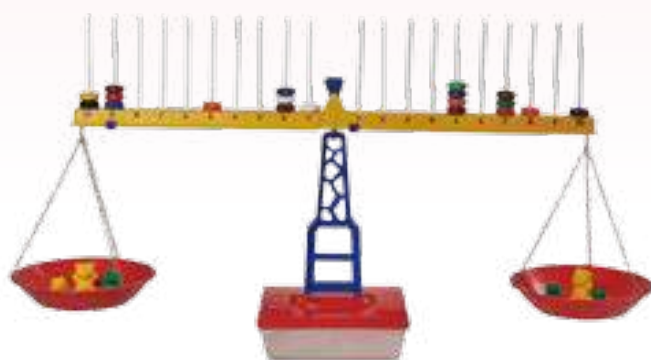
Advanced

Math Balance

M2006B01 (white box)

A great physical representation of simple calculations and weight.

Includes: 48 Number Bear Weights (red, yellow, blue and green) of 3g, 6g, 9g and 12g; 100 Lacing Donut Beads (red, yellow, blue, green, white, orange, purple, brown, black and light green); 1 yellow lever, 1 blue stand, 2 red plates, 20 white sticks, 1 yellow connector and 2 transparent containers with handles.



- Children learn the concepts of number, weight, balance and simple mathematics.

Math Balance

M2014B01 (white box)

Math Balance incorporates the lever concept with clear number markings.

Includes: 1 red stand, 1 yellow lever, 20 blue weights and 3 white building parts.



Small Multi-Purpose Learning Set

M5001D01 (121pcs, transparent container)

Includes: blue Small Multi-Purpose Base Board (10cm x 10cm x 1cm); blue Multi-Purpose Rulers; red and white building parts; blue angles; red small colour pegs; 1 gram Linking Cubes (red, yellow, blue, green, orange, purple, brown, black, white and light green) and transparent container.



- Can be used to measure length, width and height.

Multi-Purpose Learning Sets contain functional parts that can be used individually or be extended to 2 or 3 dimensional fun.

Shared Features



Numbered Bear Weights

M3001A01 (96pcs)

Includes: 3g x12, 6g x4, 9g x4 and 12g x4 of each colour.

4 Colours: red, yellow, blue and green.



Fun Bears

M3006A01 (120pcs)

Includes: Baby Bears, Hello Bears and School Bears.

4 Colours: red, yellow, blue and green.



Baby Bears

M3011A01 (96pcs)

Includes: 4g x12, 8g x6, 12g x6 of each colour.

4 Colours: red, yellow, blue and green.



Family Bear Weights

M3002A01 (96pcs)

Includes: 4g x12, 8g x6 and 12g x6 of each colour.

4 Colours: red, yellow, blue and green.

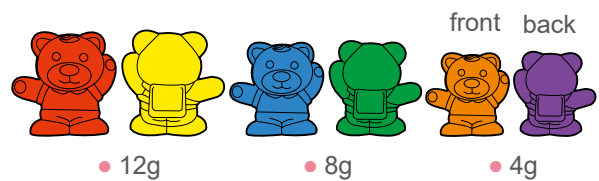


School Bears

M3007A02 (96pcs)

Includes: 4g x8, 8g x4, 12g x4 of each colour.

6 Colours: red, yellow, blue, green, orange and purple.



Hello Bears

M3015A01 (96pcs)

Includes: 4g x12, 8g x6, 12g x6 of each colour.

4 Colours: red, yellow, blue and green.



Hexa Weights

M3021A01 (4 Colours, 54pcs)

The hexagonal weights are used with the balance scales.

Includes: 1g (red) x20, 5g (blue) x20, 10g (green) x10 and 20g (yellow) x4.



Shared Features

Enhance spacial visualisation and proportional reasoning.

- Use them to develop mathematical concepts eg. counting, comparing the heights or adding and removing weights.

2 cm Metric Cubes

M3019A01 (100pcs)

Measures: 2cm x 2cm x 2cm and weights 8g.

4 Colours: red, yellow, blue and green.



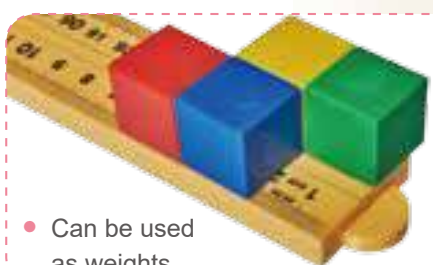
- Children develop focus and patience through stacking.

• Spatial visualisation

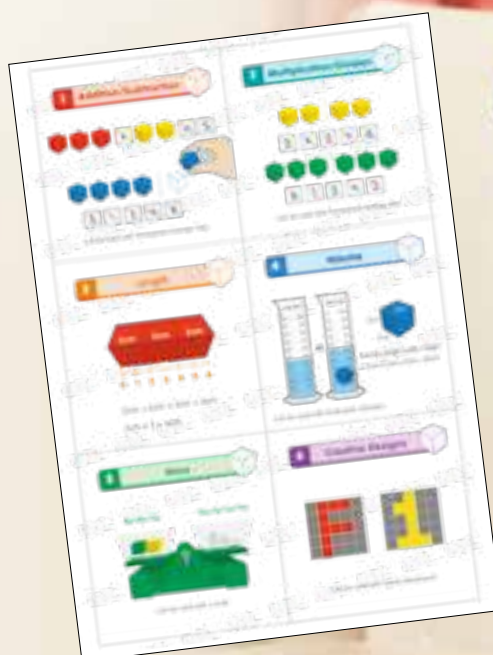
How many 1cm cubes will fit into (the same volume) the 2cm metric cube?
Use balance scale to test hands-on.

• Proportional reasoning

If eight 1cm metric cubes balance a 2cm metric cube. How many 1cm metric cubes will balance two 2cm metric cubes?
Use balance scale to test hands-on.



- Can be used as weights.



Small (for 1cm cubes)

Multi-Purpose Baseboards

M5002A02 (plain, 4pcs)

Measures: 10cm x 10cm x 1cm.



• 2D Design



• 3D Designs



- See 1cm Linking Cubes on page 18.



1 gram

Cubes with Baseboard

M5002C01 (100 x 1g cubes, 1 x baseboard)

The 1 gram Linking Cubes are each 1 cubic cm and weigh 1gram, making them the perfect tools to teach length, area, volume and weight.

Includes: 1g cubes x100, baseboard x1, images + box and activities.

Measures: 1cm x 1cm x 1cm.

10 Colours: red, yellow, blue, green, orange, pink, brown, black, white and light green.



Large (for 2cm cubes)

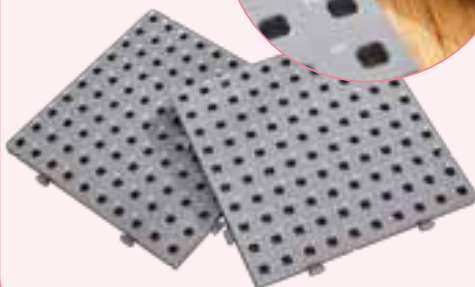
Multi-Purpose Baseboards

Measures: 20cm x 20cm x 1cm.

Numbered marked

M5006A03 (light blue)

M5006A05 (grey)

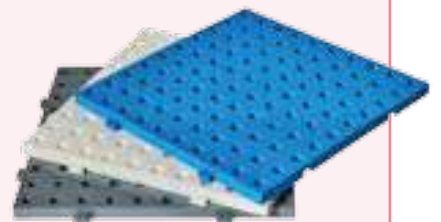


Unmarked / Plain

M5005X01 (light blue)

M5004X02 (light blue)

M5004X03 (grey)



- See 2cm Linking Cubes on page 19.



- Can be used with all cubes with 2cm in side length.
- Can be connected with other base boards to make a large-size play area.



Measuring Cups

M4001A01 (5pcs)

Measures: 100ml, 200ml, 300ml, 500ml, 1000ml.

Measuring Cups

M4001A02 (7pcs)

Measures: 50ml, 100ml, 200ml, 250ml, 300ml, 500ml and 1000ml.

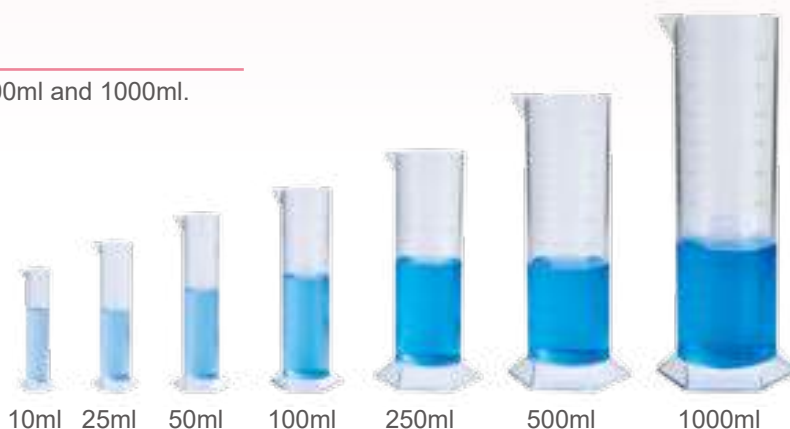
Measuring

Graduated Cylinders

M4002B03 (ABS, 7pcs, white box)

Measures: 10ml, 25ml, 50ml, 100ml, 250ml, 500ml and 1000ml.

Made with ABS.



easy to pour

clear markings

steady base

Counter

Trundle Wheel

M1014C01 (metric system, clicker style, colour box)

Includes: 1 metric wheel (white), 1 wheel frame (blue), 1 handle (blue) and 1 clicker.

Measuring Options

- Counter Style: click once and add another number at every full turn.
- Clicker Style: click once at every full turn (1m)



- A convenient tool for school-aged children to measure the distance from point A to B.

M

Shared Features

Children can use the sorting plates to classify and sort objects based on their colours, shapes and other defining characteristics.

- Sorting circles are colourful, safe and durable.



Large Sorting Circles

T1006A01 (6pcs)

Measures: 50cm in diameter.

3 Colours: red, yellow and blue.

Small Sorting Circles

T1007A01 (15pcs)

Measures: 25cm in diameter.

3 Colours: red, yellow and blue.

- Can be used to make different shapes.

Large Sorting Plates

T1005A01 (4pcs)

Measures: 18cm in diameter.

4 Colours: red, yellow, blue and green.



Round Sorting Plates

T1011A01 (6pcs)

Measures: 13cm in diameter.

6 Colours: red, yellow, blue, green, orange and purple.



- Making learning memorable and interesting.



Square Sorting Plates

T1010A01 (6pcs)

Measures: 12.2cm x 12.2cm. The inside of the plates are calibrated.

6 Colours: red, yellow, blue, green, orange and purple.



- Effective tool to physically represent what the child thinks.

Large Tweezers

T1023A01 (5 Colours , 5pcs)

5 Colours: blue, green, yellow, purple, pink



Small Bucket Stilts

T1002E01 (red), T1002E02 (yellow)

Each bucket stilt have two holes on each side to tie the adjustable handle rope.

Measures: 11cm x 11cm x 6.5cm.



Kids Clay Cutters

T2001A01 (4 Colours , 17pcs)

Includes: flower, star, hand, bus, airplane, butterfly, tree, house, dog, boat, fish, doll, car, bear, duck, bird and a toy rolling pin.



- Round and smooth edges for safety.

Kids Clay Sculpture Tools

T2001A04 (3pcs)

Includes: 3 shapes of plastic toy knives.

Measures: 18.3cm.



- Perfect size for children's hands.

Clear Paint Pot Set

T1001A01 (10pcs)

Includes: 10 transparent cups; 10 coloured filters and lids.

10 Colours: red, yellow, blue, green, white, orange, purple, brown, black and dark green.



- The stackable cups are easy to store.

Vortex Bottle Connectors

T1003A01 (20pcs)

Simply connect 2 bottles using the connector to demonstrate tornado and vortex effects.

Measures: 3.2cm in diameter by 4.7cm in height.

4 Colours: red, yellow, blue and green.



Teaching Resources

Product user guides and creative design examples are available for download from the Youth Toy U.S.L. Teaching Website.

www.youthtoy.com



U.S.L. Teaching Website

Visit www.youthtoy.com for further product details and U.S.L. teaching information