

# STEM & coding

## Catalogue

So that they can develop  
their ideas and fully  
blossom



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Braut & Bouthillier  
Education

# Our Sales Force – Field work with a human presence

Our sales team's mandate is to support and develop partnerships with educational institutions in Quebec and Canada. They collaborate with Brault & Bouthillier's category managers to provide solutions tailored to the customers' needs and offer a personalized support service for the opening of new schools or classrooms, the creation of flexible layouts, daycare services, maker space, as well as robotics and multi-sensory room projects.

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Surcharge (oversized items)



Magnetic



Brault & Bouthillier Exclusive



Outdoor Class



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## Complement of information

Locate the QR codes to get more  
information on selected products.



### Products featured on the cover

Kubo – Coding starter set n° 2146850 (p. 34)  
Programmable drone Tello EDU n° 2483105 (p. 45)  
Ulio Brix 3D Printer n° 2241263 (p. 58)





## Sorting Manipulatives



### A Sorting and Counting Set

The appealing, colourful set includes kid-favourite counters (transport and monster), links and linking cubes, pattern blocks, Geo Stix, 6 sorting bowls, 2 transparent spinners, 2 tweezers, 12 double-sided activity cards and an activity guide. 384 pieces in all.

79<sup>95</sup> 2272490

### B Sorting Manipulatives – Teddy Bears

Small bears in 4 colours (red, yellow, blue, green) and 3 positions (30 sitting, with open arms, 30 standing with 1 arm up and 1 horizontal arm and a backpack, and 30 sitting with 1 arm up, 1 folded arm, without a backpack). For sorting, sequencing, counting games and more. Plastic. 120 pieces.

21<sup>95</sup> 2104941

### C Links

Plastic links, in 6 inviting colours, for a variety of activities: counting, sequencing, sorting and measuring. Set of 500 pieces. In a jar.

18<sup>95</sup> 2258523

### D Wriggleworms!

Clever game of dexterity, sorting, counting, addition and subtraction, and logic. Includes 20 worms in 4 colours and 2 lengths, 20 logic, 1-10 number, and worm silhouette cards, 1 tri-grip tong, 1 spinner, 1 foam mat, and 1 game and activity leaflet. 2 to 4 players.

39<sup>95</sup> 2131928

### E Stacking Counters

Set of (500) 2 cm, stackable counters, made of sturdy plastic in 10 colours. In a plastic storage container.

24<sup>95</sup> 2263473

### F Silly Science Sorting Set

Using this set's exclusive fine motor tools, children pick and sort germs in 5 shapes and 5 bright colours. The set also includes 5 colour-coded test tubes, a test tube holder, 2 dice, a variety of activity cards with stands which turn play into a game, and a guide.

34<sup>95</sup> 2272482

### G Oodles of Aliens™ Sorting Saucer

Use the 2 Tri-Grip Tongs, pop the dice, and help these aliens sort out their spaceship. Strengthens counting, colour recognition and fine motor skills. Includes 30 alien creature counters, 1 spaceship with 6 removable trays and a lid, 1 gameboard and an activity guide with fun sorting games.

39<sup>95</sup> 2147239

## Sorting Manipulatives



### A Rainbow Pebbles – Classroom Set

Use these bright, soft-to-the-touch pebbles as an appealing manipulative for a variety of early mathematics and building activities. Set includes 252 pebbles in 6 sizes and 6 colours, 36 double-sided progressive activity cards and 3 spinners, in a sturdy storage container.

136<sup>95</sup> 2034692

### B Penguins on Ice

Mathematical activity combining sorting, numeration, pattern formation, familiarization with base-10 system and basic mathematical operations. The object of the game is to place 10 penguins on each of 10 ice bars that can be connected horizontally to form a number line up to 100, or vertically to form a 1-100 grid. This attractive set of 110 pieces includes 10 bars measuring 30.4 x 2.5 cm, 100 penguins 3.8 cm high in 10 colours, plus a teaching guide.

51<sup>95</sup> 2254019

### C Count and Sort Magnetic Gem Game

Using the attached magnetic pen, children slot the colourful gems into the numbered columns. Includes 1 sturdy wooden maze board 34.5 x 36.5 x 0.35 cm and 12 double-sided, progressive pattern cards.

59<sup>95</sup> 2272557

### D Colomat – Translucent Stackable Buttons

Set of 288 translucent plastic lacing buttons, pierced with 1, 3 or 5 holes, in 4 shapes and 6 neon colours, with 12 laces. Use for a variety of construction, pattern, sequencing, sorting and counting activities. Approx. 2 to 3 cm ea. In a storage container.

46<sup>95</sup> 2035285

### E All About Me Sorting Neighbourhood Set

Children learn colour, matching, sorting, counting, imaginative, language and social-emotional skills as they talk about themselves and their families and play, using the 36 people counter set in 6 shapes and 6 colours, and 6 two-piece, 8 cm high, stackable houses. Activity guide included. Plastic.

34<sup>95</sup> 2125474

### F Counters

For counting, sorting and patterning, this great set features 72 counters in 6 different shapes and colours. Flexible plastic.

#### All About Me Family Counters

72 family counters in 6 different shapes (2 parents, 3 children, and 1 cat) and colours. Father: 6 3 cm.

29<sup>95</sup> 2206282





### A Attribute Apples™

Sort and classify apples by 5 attributes including size, colour and physical features (stem, leaf, worm). Includes 27 plastic apples, the largest measuring 4.45 cm, and an activity guide with Venn diagrams.

32<sup>95</sup> 2147247

### B Colour & Number Match Eggs

Children discover 12 pairs of egg halves. Each pair has its own colour, as well as a unique combination of a number of pegs and holes, so only matching halves can click together. Promotes independent learning and self-correction, as well as problem-solving skills. Can also be used for pretend play. Sturdy plastic. Eggs are 6 cm high. In a storage plastic egg dozen.

35<sup>95</sup> 2037794

### C Mini Muffin Match Up

Develop sorting, matching and counting skills while improving dexterity with 1 sturdy plastic muffin pan, 60 mini muffin counters, 1 Squeezy Tweezer, 2 foam dice (1 color cube and 1 number cube), 12 double-sided sorting-circle inserts, and 1 activity guide.

34<sup>95</sup> 2209302

### D Sorting Pie

In this game, children place 1 of 3 double-sided sorting discs and the removable divider in this mouth-watering, 2-piece 22.2 cm pie. They then sort the fruits according to a variety of attributes (type, colour, quantity, etc.), using jumbo tweezers featuring depressions to guide a proper pincer-grasp grip. Pie's upper crust also doubles as a convenient bowl. The 68-piece set includes 60 fruit counters (7 types in 5 bright colours), 2 ergonomic tweezers and 1 teacher's guide. Plastic.

41<sup>95</sup> 2254209

### E Magnetic Sorting Material

Set designed for counting, sorting and sequencing activities. 120 magnetised pieces; 4 shapes and 5 colours. Made of vivid coloured foam. Approx 3.5 cm in length.

29<sup>95</sup> 2254407

### F Shape and Colour Links

Teach basic math operations, sorting, geometry (perimeters, areas, volumes), probabilities, and graphing, with this set of 500 links in 3 different shapes and 4 bright colours. Plastic. In a jar.

29<sup>95</sup> 2254886

### G Sorting set – Insects

Set of insects in various colours, ideal for sorting and counting activities. 72 insets in 9 shapes and 6 colours. Flexible rubber. Approx. 3.5 cm long or wide.

22<sup>95</sup> 2255107

### H Monster Counters

This fun monster set is ideal for counting, sorting, creating patterns and simple math operations (+, -, x, ÷). Includes 72 plastic monsters in 6 shapes in 6 earth colours (the largest is 3.5 cm), 10 double-sided cards with 16 activities, 2 plastic tweezers and a ø 9 cm transparent spinner, in 2 storage jars.

29<sup>95</sup> 2147510

## Sorting Manipulatives

A



B



C



D



E



F



G



### A Fancy String Beads

This versatile game is simply a must! In a wooden box with compartments, children stand sequence cards and rods, then stack colour beads on the rods to match the sequences. Sturdy set includes 72 beads in 6 colours and 6 shapes, 10 rods, 10-1:1 sequence cards, and (2) 120 cm long laces.

41<sup>95</sup> 2077378

### B Geo Pegboard Activity Set

Set includes (4) 21.5 x 21.5 cm EVA foam boards that can be joined together, (144) 4.5 cm high, sturdy plastic pegs in 3 shapes and 6 colours, that can be stacked and strung with the included (12) 77 cm long laces, and 12 double-sided laminated activity cards (sorting by colour and shape, making patterns, sequencing and symmetry, rotation and turns, and more), in a sturdy plastic container on wheels.

78<sup>95</sup> 2078772

### C 1 to 10 wooden box

Introduces numbers 1-10 with 10 number cards and 10 cards picturing from 1 to 10 balloons, in 5 colours. Children insert 10 pegs from left to right, from the shortest to the tallest, then slide the correct number of matching colour rings on the pegs. Inviting, versatile, sturdy wooden game. Box: 45.2 x 27 x 4.5 cm, with sliding lid. Cards: 4.3 x 4.5 cm.

65<sup>95</sup> 2252062

### D Abacus Workshop 2

While handling the beads, in 10 different shapes and 10 colours, children read and organize the information logically, as they discover basic counting activities. Set includes (2) 26 x 8 x 12 cm, 5-pronged, plastic abacuses, (87) 4 cm assorted beads, 42 progressive model cards (in 7 series of 6 cards) and 1 teacher's guide.

63<sup>95</sup> 2254456

### E Ritmo

Series of 72 logic activities divided into 4 series of 6 boards of increasing complexity. The child must select and place objects in the right order based on their shape, size, and colour. The set includes 24 cardboard patterning boards 33 x 11.5 cm, 320 sturdy cardboard tokens with photo illustrations (3.2 cm) and 1 educator's guide. Workshop for up to 6 children.

72<sup>95</sup> 2259760

### Counting Owls from 1 to 10

Children stack the owls, to match the numbers 1-10 on the branch and build early counting skills and one-to-one correspondence, explore colours, numbers and quantity relationships, sort and create patterns. The sets include owls in 5 colours, 10 sequence cards, 1-10 plastic spinner, and activity guide. Plastic.

### F Individual Set

1-10 Counting Owls Activity Set Includes 25 owls and 1 branch.

31<sup>95</sup> 2263580

### G Class Set

Includes 220 owls, 4 branches, and an expanded classroom guide with additional activities.

119<sup>95</sup> 2103125



A



B



C



D



E



F



G



### A LudiTab Activity Set Planes

Children recreate arrangements seen on cards or decode placement instructions to get all the animals on board. Develops observation, spatial awareness, logic and order and relative position vocabulary (before, after, between, etc.). Includes 1 wooden tray 21 x 21 cm, 2 identical puzzles each with 7 double-sided pieces, 12 double-sided and progressive, self-correcting cards, and 1 teacher's leaflet. 1 or 2 children.

49<sup>95</sup> 2272508

### C Magnetic Socks

Children place socks on the clothes lines, according to colour, pattern, spatial orientation, and relative position criteria. Includes 6 self-correcting, double-sided cards (6 to reproduce models and 6 with increasingly difficult instructions), 8 pairs of wooden socks 4.8 x 2.8 cm, and 1 magnetic wooden panel 29 x 16 cm with stand. 1 player.

49<sup>95</sup> 2274348

### D Perspective Park

Children study a picture card, then recreate the scene on a slotted foam base by arranging the characters and elements depicted. Includes: 1 base, 10 progressive picture cards, and 8 play pieces.

29<sup>95</sup> 2013241

### E Logic City

In this spatial orientation, logic game, children place buildings on a base, to match their position pictured on 45 challenge cards. Includes 14 wooden pieces, 1 double sided base, 1 background card, and 45 progressive challenge cards.

26<sup>95</sup> 2035236

### F LudiTab Activity Set Aquarium

Wooden puzzles feature a traditional organization, recognition and spatial awareness game using templates to be reproduced and a game of challenges where clues are read to find out where to place the fish in the tank. Develops observation, logic, spatial awareness, and topology vocabulary. Includes 1 wooden tray 24 x 21 cm, 2 identical puzzles each with 12 pieces in 3 shapes, 12 double-sided and progressive, self-correcting cards, and 1 teacher's leaflet. 1 or 2 children.

47<sup>95</sup> 2272516

### G Topology Workshop 2

Observation and analysis material designed to establish a correspondence between a 3D space and its 2D representation. Introduces topology concepts such as "neighbouring", "adjacent to", boundaries, symmetry, lateralization, as well as math concepts. Includes (2) 32 x 22 cm game boards, (18) 19 x 13 cm model cards, 28 wooden, varnished pieces, 6 plastic model card holders and 1 teacher's guide. Workshop for 2 children.

Topology Workshop 2 63<sup>95</sup> 2199024

### Complement for 2 additional children

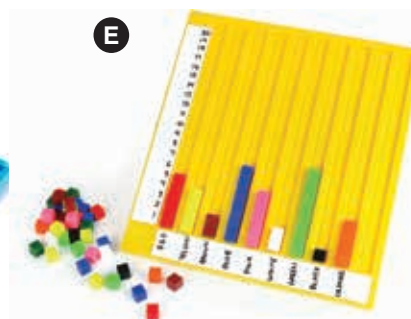
Includes 2 boards 32 x 22 cm and 28 colour wood pieces. 42<sup>95</sup> 2199032

### B Topoprismo

One child places a landscape sheet on the back of the easel and describes the image. The other child then places the figurines on the landscape according to the indications received. Designed to discover and use basic positional words (in, on, under, etc.). Includes (2) 33 x 15.5 x 22 cm high magnetic easels, 4 magnetic landscape sheets, magnetic figurines, example cards, and teacher's notes. Thick, glossy, laminated cardboard, in bright colours.

79<sup>95</sup> 2179786

## Number Sense and Numeration



### A Cube-A-Link<sup>MD</sup> – 2 cm Cubes

Sturdy plastic cubes feature a peg on one side and a hole on each of the 5 remaining sides, to interlock positively. Used to build a great variety of 2D and 3D constructions for hands-on counting, geometry and measuring exercises, and much more. Cubes are 2 cm.

100 units set	14 <sup>95</sup>	2262921
500 units set	67 <sup>95</sup>	2262947
1000 units set	108 <sup>95</sup>	2262939

### Linking Cube-A-Link<sup>TM</sup> Base Plates

Pack of 5 plastic baseboards, 20 x 20 cm each.

23<sup>95</sup> 2206522

### B Cube-A Link 3 Shapes

Develop colour and pattern recognition, 2D and 3D spatial relationships, logical reasoning, numeracy, graphing, and measuring skills. Set of 500 blocks in 10 colours includes (400) 2-cm square cubes (linked on all 6 sides), 50 triangles and 50 quadrants (linked on 2 sides), (4) 20 x 20 cm interlocking base boards, and (41) 2-sided, laminated activity cards. In a sturdy plastic container on wheels.

98<sup>95</sup> 2263507

### C Interlocking Centimath cubes

1,000 interlocking 1 cm/1 g promotes numerous math activities including counting, comparing, basic operations, fractions, etc.

200 units set	9 <sup>95</sup>	2253235
1000 units set	34 <sup>95</sup>	2252849

### D Centimeter Cube Base Board – Set of 5

5<sup>85</sup> 2104909

### E 1 cm Graph Board

Board used with any 1-cm cubes (not included, 2252849) to introduce the concepts of patterning, graphing, number sense, measurement, geometry, and more. Data can be recorded on the write 'n wipe vertical and horizontal axes. Improved design with a flip-out stand. Includes an activity guide. Plastic. 23 x 25 cm.

8<sup>85</sup> 2107548

### F Stringing Math Beads

Large, easy to string 0-9 numbers and math signs are perfect for little hands to manipulate and sort. Great for teaching counting and making fun math games. Suggestion: String on pipe cleaners to create equations for children to solve or sequences to complete. Pack of 264 colourful plastic beads 2 cm tall.

24<sup>95</sup> 2251510

### G Numbered bean bags

Colourful bean bags feature both the numeral and dots to represent the numbers 1 to 10. 10 x 10 cm. Set of 10.

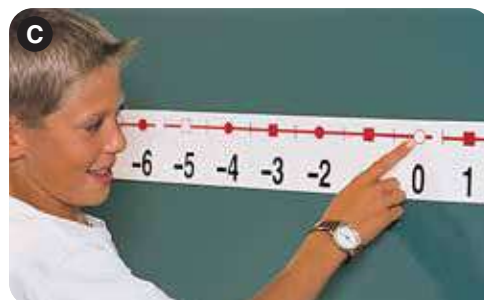
24<sup>95</sup> 2262830

### H Coconut Counters 1-100

Set of 100 counters made ultra-strong, polished, concave coconut shell with numbers 1-100 etched into the smooth, non-toxic surfaces. Tactile manipulatives for counting, sorting, addition, subtraction and number recognition. ø 2.54 cm.

35<sup>95</sup> 2147908





#### A Number Pads 0-20

Children learn numbers and number sequencing while handling or stepping on these durable, non-slip plastic, 20 cm squares, green for even numbers and blue for odd numbers. The numbers are printed on one side.

**89<sup>95</sup>** 2069946

#### B Monster Math Scale

Place the different weight number monsters on the beam scale to learn about equivalence, addition and subtraction. Also includes 9 large monsters, 11 small monsters worth 1, 1 fabric bag, and a picture leaflet with 3 levels of play. Wood and plastic.

**39<sup>95</sup>** 2127702

#### C Number Line Set

Set of (36) 48.2 x 9.5 cm laminated cards, with numbers from -35 to 180. Graphic markings are used to indicate odd and even numbers, as well as 5s and 10s for skip counting. 17.35 m total length.

**13<sup>95</sup>** 2206720

#### D Number Line Floor Mats

Durable vinyl walk-on mats feature brightly-coloured numbers. Children step, hop or leap from number to number (forward to add and backwards to subtract), while physically reinforcing their number recognition, counting, sequencing, place value, and addition and subtraction skills. Include a teacher guide.

1-20 Number Line Floor Mat **49<sup>95</sup>** 2253953  
1 to 30 Number Line Floor Mat **49<sup>95</sup>** 2253961

#### E Trace Numbers

These numbers feature raised edges, for finger tracing activities, with eyes closed for an added challenge, on a table or light table. Each number features a dot, 1-2 arrows and dashes, all raised. Also great for pencil tracing, to create posters, etc. Made from strong, flexible, dishwasher-safe, transparent silicon. 12.2 cm high. Yellow. Box of numbers 0-9.

**19<sup>95</sup>** 2206977

#### F Magnetic Numbers

Set of 162 magnetic numbers and math operation symbols. In bright-coloured plastic. Approx. 3.5 cm tall. In a storage jar with handle.

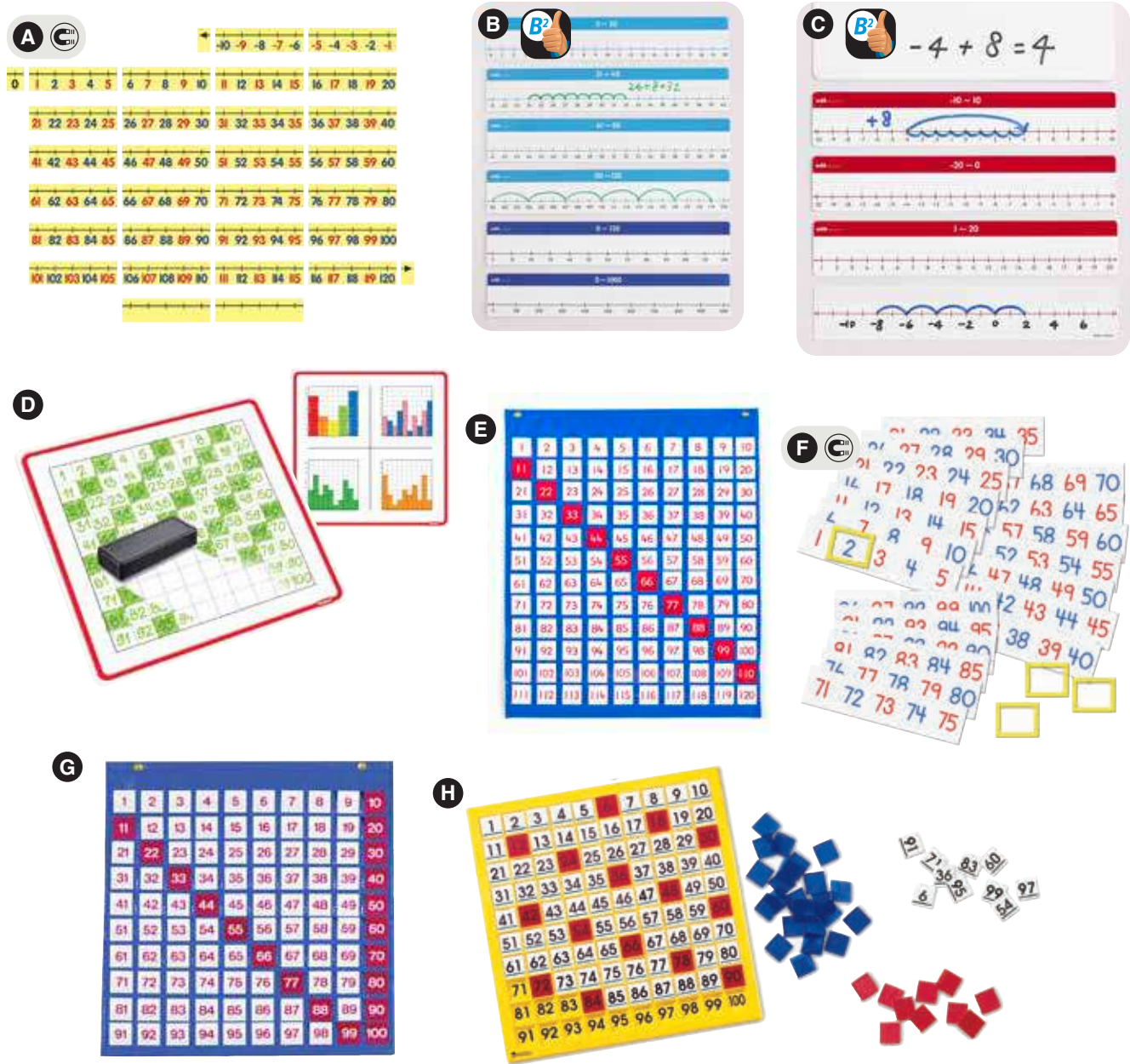
**37<sup>95</sup>** 2254324

#### G Student number line 0 to 100

Numbered 0 to 100, this number line helps children develop number skills: numeral recognition, counting, positional terms, estimation, and addition and subtraction calculations. 10-unit increments feature a different colour for easy tracking. Use a dry erase marker on write-on, wipe-off surface. 50 x 10 cm. French stickers included. Pack of 10.

**14<sup>95</sup>** 2262749

## Number Sense and Numeration



### A Magnetic Demonstration Number Line

This big, high-contrast, magnetic number line is easy to see from anywhere in the classroom. Extends from -10 to 120 to teach numbers, counting, cardinality, and operations. Colour-coded numerals reinforce odd and even (red odds, blue evens, and black zero). Dry-erase surface makes for easy clean-up. Includes 31 pieces in all: 7 x 25.4 cm number line segments (plus 2 blanks), 0, and 2 arrows.

35<sup>95</sup> 2078632

### B Number Lines – 0-120, 0-1000 classroom set

This set of desktop number lines includes 8 sets of 0-120 in groups of 20 on one number track, 15 pcs of 0-120, and 15 pcs of 0-1000. Set of (78) 30.5 x 5.5 cm write-on, wipe-off plastic pieces featuring blank calibration on the reverse side. Dry-erase pens not included.

39<sup>95</sup> 2078780

### C Number Lines – Negative Numbers

Classroom set of desktop number lines includes 15 pcs of -10 to 10, 15 pcs of -20 to 0 and 15 pcs of 1 to 20. Set of (45) 30.5 x 5.5 cm write-on, wipe-off plastic pieces featuring blank calibration on the reverse side. Dry-erase pens not included.

27<sup>95</sup> 2078798

### D Count to 100 Dry Erase Boards

Teach a variety of math concepts using these 24 dry-erase boards, printed with 100 large squares arranged in a square grid on one side, and 4 smaller, 100-square grids for a great range of activities, on the other. With a teacher guide. 31.6 x 31.6 cm. Pens not included.

24<sup>95</sup> 2078954

### E Pocket Chart – 1 – 120

One hundred and twenty clear pockets make this chart ideal for teaching numbers, odds, evens and operations. Includes 139 cards featuring different colours on reverse side to highlight number patterns. Sturdy vinyl chart with metal grommets measures 68 cm x 81 cm.

35<sup>95</sup> 2087955

### F Magnetic 1-100 Number Line

Demonstrate counting, operations and equations on a magnetic white board (3360690) with this engaging set of (24) 24.1 x 5.7 cm magnetic strips, each printed with 5 numbers.

Just line up the strips to create a single 1–100 number line. Odd numbers appear in red, and even numbers, in blue. Also includes 4 frame magnets to highlight individual numbers, and an activity guide.

31<sup>95</sup> 2206316

### G Pocket Chart 1 – 100

Heavy-duty vinyl chart with 100 clear plastic pockets; holds (100) easy-to-handle 5 x 5 cm cards numbered 0 to 100 on both sides, plus math symbols (4 operations, >, <). Includes a teacher's guide. With grommets for hanging. 65 x 68.7 cm.

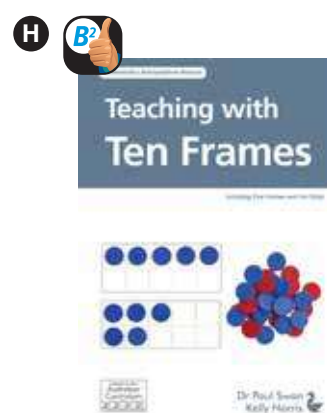
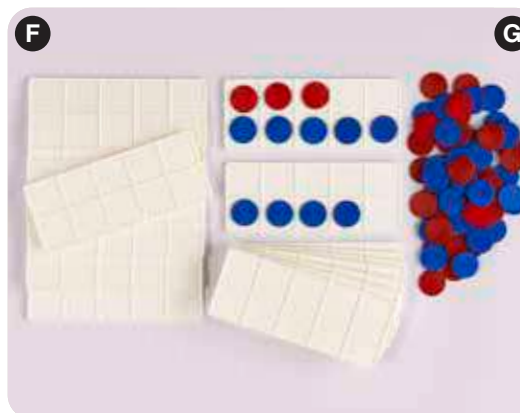
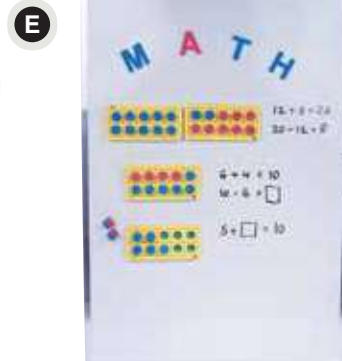
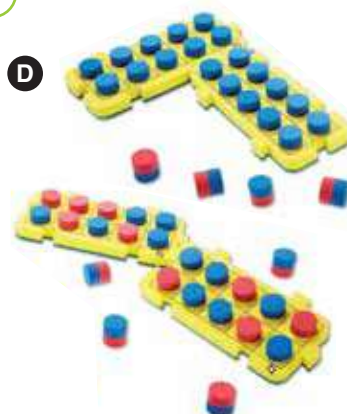
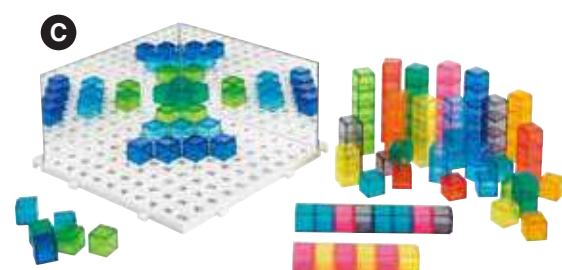
28<sup>95</sup> 2254837

### H Hundred number board

Moulded plastic grid board and tile set includes: 125 tiles (100 number tiles, 25 blanks) that fit into a 29 cm board with recessed squares.

39<sup>95</sup> 2258895





### A Giant Magnetic Ten-Frame Set

Demonstrate base-ten number concepts, and develop other number and operations skills (addition and subtraction), on a magnetic whiteboard (3360690) with this set of (4) 31.1 x 12.7 cm magnetic frames, 40 magnetic discs in 2 colours, and a teacher's guide.

31<sup>95</sup> 2206324

### B Ten Frame Dice

Set of 12 large foam dice 4.5 cm, in 4 colours with ten-frame numbers featuring 3 dice of each 0-5, 5-10, 10-15, and 15-20. With 4 activities to count up to 10, master facts, and more. In a jar.

33<sup>95</sup> 2125383

### C Reflection Activity Set

Children explore symmetry and reflection with their creative 2D and 3D designs, and develop problem-solving and critical thinking skills, while familiarizing themselves with numbers 1-100. Includes 100 translucent plastic cubes in 7 colours, 1 number board 1-100, 1 L-frame, 2 acrylic mirrors and 1 booklet with 16 activities.

35<sup>95</sup> 2147528

### Foam Counting Frames

Set of (4) 16 x 7 cm dense foam boards, which can be connected horizontally or vertically, each featuring holes into which pegs are placed. Designed to visually introduce math concepts such as counting, comparing quantities (greater than, less than, as many as), even and odd numbers, creating and completing sequences, addition and subtraction, equivalent numbers, factors, and much more.

### D Ten Frames – Regular

Contains 40 two-colour pegs (red and blue).

12<sup>95</sup> 2253870

### E Magnetic Ten Frames

Contains 40 two-colour pegs (red/blue) and 40 blue pegs.

21<sup>95</sup> 2253896

### F Ten Frames – Class Set

This set features (16) 16 x 6.5 cm sturdy plastic frames with raised divisions and (160) 25 mm x 2 mm red/blue counters, in a durable plastic container.

35<sup>95</sup> 2078715

### G Two-colour Counters

Versatile manipulative is great for teaching counting and cardinality, operations and base-10 concepts. Red/blue plastic. Set of 200. 2.5 cm.

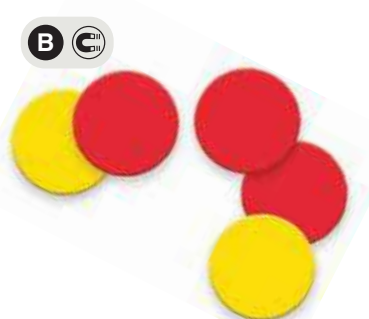
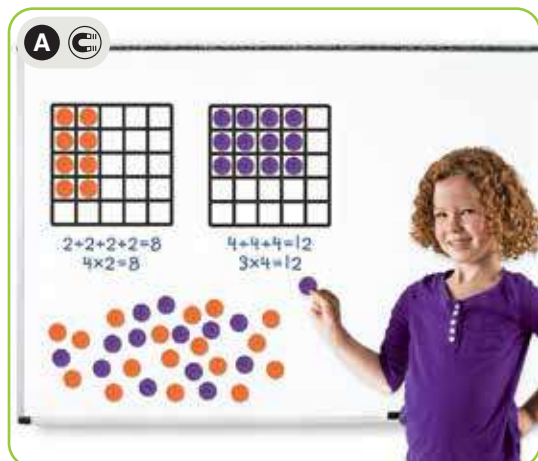
11<sup>95</sup> 2034742

### H Mathematics Manipulatives Manual – Teaching with Ten Frames

Features games and activities designed to compare and sequence numbers, connect number names, numerals and quantities, and solve simple addition and subtraction problems using a range of strategies. Comes with a set of 3 colour board games, ten strip place value template, number charts, and more, to photocopy or download. Soft cover. 80 pages.

23<sup>95</sup> 2106292

## Number Sense and Numeration



### A Magnetic Giant Array Set

Used to demonstrate repeated addition, multiplication, number facts and representation and much more. Includes 2 magnetic 5 x 5 arrays 24.7 cm square, 25 purple and 25 orange magnetic discs and 1 multilingual activity guide.

29<sup>95</sup> 2147262

### B Magnetic Two-Color Counters

Versatile magnetic manipulative is great for teaching counting and cardinality, operations, base-ten concepts, and with our Number Bond Magnet Set (see 2088839). Feature flexible magnet material and red/yellow colours. Set of (200) 2.5 cm.

21<sup>95</sup> 2088821

### C Colomath counting rods

Counting rods made of strong, bright-coloured plastic.

Half set, 138 rods 26<sup>95</sup> 2253433

Full set, 241 rods 49<sup>95</sup> 2253458

### D Plastic counters

17 mm. Assorted colors. 300 per pack.

4<sup>90</sup> 2253821

### E Connecting Cuisenaire Rods

Connecting feature makes manipulation and demonstration easier. Rods are marked in 1-cm increments on one side. Set contains 155 rods and 1 activity guide, in a storage bucket. 4 to 6 students.

33<sup>95</sup> 2259729

### F Multiple Representation Dice

Each die represents a number from 1 to 20 in ten-frame, tally marks, base ten and number format. There are 4 dice each for 0-5, 5-10, 10-15 and 15-20. Includes 20 firm foam dice 5 x 5 x 5 cm with rounded corners and 1 multilingual activity guide, in a storage jar.

39<sup>95</sup> 2147254

### G Magnetic Cuisenaire Rods

Use these large magnetic rods on any magnetic surface to target number sense operations measurements and early algebra. Label easily with a wet- or dry-erase marker. Set of 64 includes (20) 1 unit (12) 2 units and (4) each of 3 units through 10 units and a teacher's guide. 10-unit rods are 25 cm long.

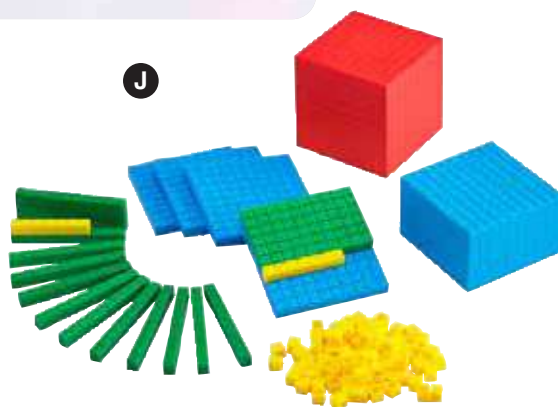
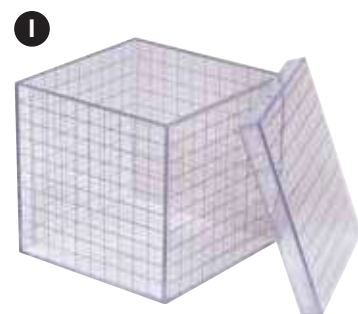
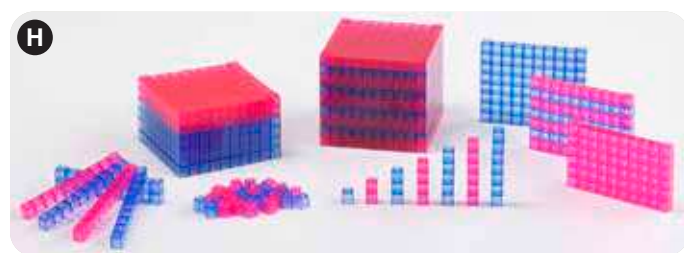
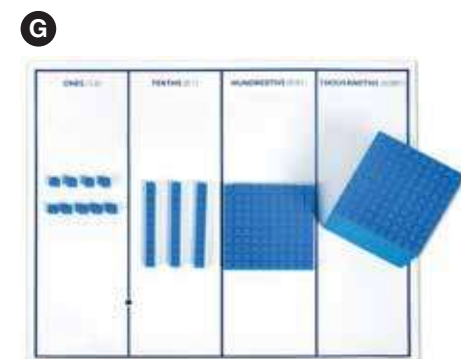
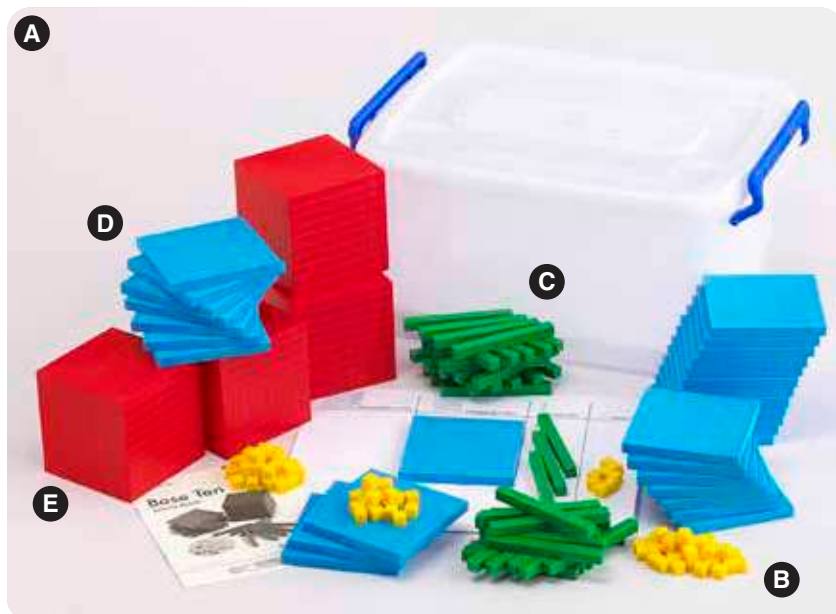
23<sup>95</sup> 2262780

### H 1 cm Grid Write 'N' Wipe Boards

High quality, double sided write 'n' wipe boards, blank on one side and a 1 cm grid on the other. Light and sturdy, with a wooden core. Safe rounded corners. Non magnetic. Stain-resistant. Used with dry-erase markers (not included). 30 x 23 cm. Pack of 6.

14<sup>95</sup> 3360898





### A Base Ten Classroom Set

Ideal to understand number representation, addition and subtraction, decimals, percentages, decimal fractions, and play trading games. 184 components, colour-coded for easier identification. Includes 4 red blocks, 30 blue flats, 50 green rods, 100 yellow cubes and (1) 25-sheet base ten, bilingual pad. In a sturdy plastic storage container on wheels.

Age: 6+ **96<sup>95</sup>** 2263556

### Base Ten Blocks

Blocks provide concrete models that give meaning to the base 10 numbering system.

<b>B</b> 100 units (1)	<b>5<sup>15</sup></b>	2250462
<b>C</b> 10 rods (10)	<b>4<sup>75</sup></b>	2250470
<b>D</b> 10 flats (100)	<b>16<sup>95</sup></b>	2250579
<b>E</b> 1 decimeter cube	<b>7<sup>85</sup></b>	2250454

### F Base 10 Classroom Set – 121 Pieces

Set of 121 pieces, colour-coded for easier identification, includes 1 red block, 10 blue flats, 10 green rods and 100 yellow cubes. In a sturdy plastic container.

Age: 6+ **32<sup>95</sup>** 2034676

### G Base 10 Counting Mat

Convenient, checkered mat, designed for a variety of base-10 grouping exercises. Features the 4 classic base-10 blocks (unit, rod, flat, cube) on one side, and representations of units, tenths, hundredths and thousandths in numbers, fractions and words, on the other. In French. Thick, flexible vinyl. 44 x 36 cm.

**6<sup>65</sup>** 2262608

### H Clearview Base Ten Blocks

These interlocking cubes (1), rods (10) and flats (100) can be used for many number, decimal, and place value activities. The transparent red and blue pieces are also excellent for use on an overhead projector. Contains 100 cubes, 30 rods and 15 flats.

Age: 6+ **28<sup>95</sup>** 2262848

### I 3D Grid Box

Insert an object into the 3D Grid Box for aid in drawing and mastering true perspective. This box is calibrated in 100 mL intervals (each square is 1 cm) and compatible with our Plastic Base 10 Set (2250793). Clear plastic. Includes a lid.

**6<sup>95</sup>** 2206761

### J Connecting Base 10 Set

These interlocking Base 10 unit cubes, rods and flats are convenient to teach counting, place value, operations, percentages, measurement and more. Include 100 units 1 x 1 x 1 cm, 20 rods 10 x 1 x 1 cm, 10 flats 10 x 10 x 1 cm and 1 decimeter cube 10 x 10 x 10 cm. 131 sturdy plastic pieces in all.

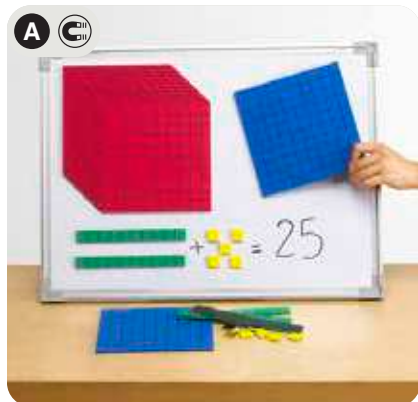
**26<sup>95</sup>** 2245579

### K Mathematics Manipulatives Manual – Base Ten Blocks

Make the most of Base Ten Blocks, starting with bundling sticks, to teach number representation, place value, operations, decimals, percentages, fractions, and measurement. With a place value mat to photocopy. Soft cover. 36 pages.

**23<sup>95</sup>** 2106284

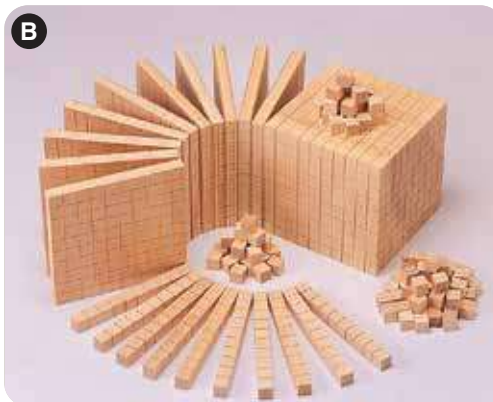
## Place Value



### A Base 10 Magnets – Teacher Set

Set of 121 magnetic foam pieces designed to make classroom demonstrations clear and easy to understand. Includes 100 units (1), 10 strips (10), 10 boards (100) and 1 cubic decimetre (1000). 19 x 19 cm board.

46<sup>95</sup> 2253714



### B Natural wood Base Ten Blocks

100 cubes (1), 10 rods (10), 10 flats (100) and 1 block (1 000) in a box.

49<sup>95</sup> 2078889



### C Cubic Meter Set

Introduces the concept of 1 cubic metre and its relationship with 1 cubic decimetre, 1 cubic centimetre and volume. Set of 3 alternately coloured metre sticks, 9 blank metre sticks, 8 corner connectors and a 1 m measuring stick.

54<sup>95</sup> 2103018



### D Newmero Math Bricks

Cleverly designed, colour-coded, sturdy plastic bricks feature an engraved number as well as counting and connector knobs which make it easy to stack the bricks. Jagged edges also allow same-colour bricks to perfectly connect horizontally if their sum is 10, 100 or 1000, for self-checking. Order the numbers and see their value, count and sort (1-9, 9-1, 10-90, 90-10, 100-900 and 900-100), create sequences, build multi-digit numbers, add up to 10, subtract, play "how much larger?" and much more. Each pack includes a 40-page manual full of fun exercises, with reproducible bingo cards.

#### Large Pack

Includes 57 bricks: 2 sets of yellow bricks (numbers 1-9), 2 sets of green bricks (numbers 10-90), 2 sets of blue bricks (numbers 100-900) and 1 set of orange bricks (numbers 1000-3000).

49<sup>95</sup> 2034817

#### Kindergarten Pack

(5X) Includes 135 bricks, 5 sets of each: 2 sets of yellow bricks (numbers 1-9) and 1 set of green bricks (numbers 10-90).

99<sup>95</sup> 2034791

#### School Pack

(5X) Includes 285 bricks, 5 sets of each: 2 sets of yellow bricks (numbers 1-9), 2 sets of green bricks (numbers 10-90), 2 sets of blue bricks (numbers 100-900) and 1 set of orange bricks (numbers 1000-3000).

199<sup>95</sup> 2034809

### E Jumbo Place Value Dice – Classroom Set

Generate place value numbers with this jumbo set featuring 6 sets of 10-sided place value dice, in 4 colours. 24 pieces, in a sturdy plastic case.

35<sup>95</sup> 2078830



### F Place Value Abacus

Set includes (3) 3-pronged abacus, which can be connected to generate six- and nine-digit numbers, 81 single-colour abacus beads, and 9 sets of single colour 0-9 number tiles. Sturdy plastic.

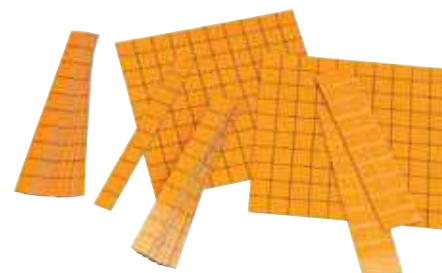
31<sup>95</sup> 2088292



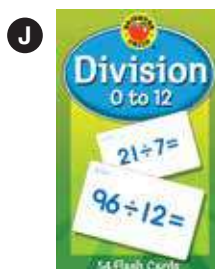
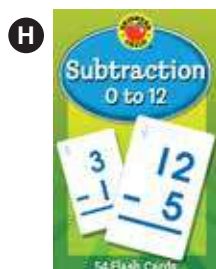
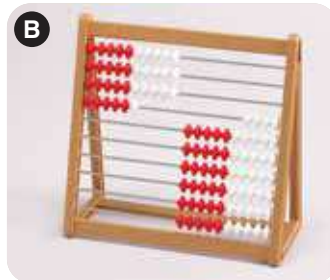
### G Base 10 Magnets – Student Set

A great magnetic aid to help children learn the features of the base 10 counting system. Includes (2) 9.5 x 9.5 cm flats (100), 20 rods (10), and 40 cubes (1). Great with Magnetic Boards (3360674).

10<sup>95</sup> 2254431







### A Multiplication Swat

Layout your flies, pick an equation, then trace to swat the correct answers first. Beware of fly spray and sticky toast. A fun hands-on way to practice 2 to 12 time tables. Includes 4 plastic swatters, 132 coloured cardboard flies, and an activity guide with rules and play ideas. 1 to 4 players.

Age: 6 +

24<sup>95</sup>

2147221

### Rekenrek Abacus

10-row abacus, each containing 5 red beads and 5 white beads to count to 100. Sturdy plastic frame and beads, metal rods.

### B 10 x 10 Plastic frame

Each row features 5 red beads on the left and 5 white beads on the right to count to 100. 20.7 x 9 x 20 cm high.

18<sup>95</sup>

2263325

### C 2 x 10 Plastic frame

2-row abacus, each containing 5 red beads and 5 white beads to count to 20. Sturdy plastic frame and beads, metal rods. Stable triangular structure inclined to optimize visual discrimination and manipulation. 25 x 7 x 7 cm high.

8<sup>70</sup>

2263358

### D 10 x 10 Alternating colours – Wooden frame

The 5 top rows each feature 5 red beads on the left and 5 white beads on the right. The 5 bottom rows each feature 5 white beads on the left and 5 red beads on the right. The colour change indicates that 100 consists of 2 times 50.

17<sup>95</sup>

2015329

### E Classroom Math Balance

Using this cleverly designed balance, children develop a concrete understanding of the concepts of number operations and algebraic equations. For example, when they hang an 8-weight on the right and a 6-weight plus a 2-weight on the left, the balance is level: thus,  $8 = 6 + 2$ . Sturdy plastic. Features numbers 1-10 on each side and twenty 10 g weights that store in the base.

#### Demonstration Size

Sold individually. 65 x 22 cm.

24<sup>95</sup>

2262798

#### Student Size – Group Set

Includes (10) 36.5 cm long x 13 cm balances.

69<sup>95</sup>

2078764

### F Perlix

First game of quantities and 2-way counting: the child counts the elements featured on a challenge card, then carries the result on the abacus. The self-correcting game includes 1 wooden abacus 20 x 10 cm with 4 colour-coded rows of 10 beads, 20 challenge cards 20 x 20 cm with the answers on the back, and 1 detailed, multilingual rule.

33<sup>95</sup>

2273365

### Math Operation Flash Cards

Help students master basic math operations with these self-correcting cards. Additions, subtractions and multiplications are printed vertically, while divisions are printed horizontally. Each game includes 54 double-sided cards (108 operations) and challenging game ideas. 8.5 x 13.5 cm.

G Addition

3<sup>95</sup>

2252997

H Subtraction

3<sup>95</sup>

2253003

I Multiplication

3<sup>95</sup>

2253011

J Division

3<sup>95</sup>

2253029

### K Ono 99

Easy-to-learn, fast-paced game where players try to avoid placing the card on the discard pile that makes the running total reach 99 or more. Beware of the ONO 99 card! Great to practise additions and subtractions. 112 cards and the rules. 2 to 6 players.

9<sup>95</sup>

2272540

## Math Operations



### A Calculator cash register

Solar-powered register that holds life-size bills. Includes Canadian currency play bills, plastic coins and pretend credit card. 26.7 x 14.2 x 24.2 cm.

**66<sup>95</sup>** 2258911

### B Paper money

Set of 100 bills. Includes 30 of each \$5, \$10 and 20\$ bills and 5 of each \$50 and \$100 bills.

**7<sup>95</sup>** 3170032

### C Canadian Coins

Basic mixed set of 110 plastic coins. 10 x \$2, 10 x \$1, 20 x ¢.25, 21 x ¢.10, 21 x ¢.05 and 31 x ¢.01.

**8<sup>15</sup>** 3170065

### D Money and Coin Tray

Set includes 100 paper bank notes (\$5 to \$100), 110 plastic coins (¢1 to \$2), 1 plastic tray 50 x 28 cm and lid with 12 compartments.

**28<sup>95</sup>** 3170081

### B&B Calculator

Battery and solar-powered calculator with sliding protective cover. Features: 8 digit display, memory, 4 basic math operations, square roots and percentages, automatic shut-off and adjustable easy-view display. Includes button battery. 7 x 12 cm.

Single Calculator **6<sup>55</sup>** 3176351

E Set of 20 Calculators + Storage Box **109<sup>95</sup>** 3176526

F Set of 30 Calculators + Storage Box **132<sup>95</sup>** 3176963

### G Casio Basic Calculator SL-450S

8-digit, easy-to-read display. Square root and percent keys. Function signs (+ - x ÷) are shown on the display to clearly see, at all times, the function being performed. Independent memory stores and totals the results of a series of calculations. Features floating negative sign. Rounded, hard plastic keys are tamperproof. Super Solar Power, operates even in low light: never needs batteries. Includes slide-on hard case.

**10<sup>95</sup>** 3176641

### H Casio scientific calculator FX-260

Scientific calculator. LCD display shows up to 10 digits plus 2-digit exponent. Fraction key allows entry and calculation of fractions. Backspace key for easy correction. Many built-in mathematic functions. Independent memory stores and totals the results of a series of calculations. Includes slide-on hard case. Official calculator for use on the GED Series 2002 Mathematics Test.

**12<sup>95</sup>** 3176765

### I Payday

To make it to the end of the month, players must find bargains and try to hold on to their money, borrowing as little as possible. Includes 1 gameboard, 100 Bargain, Event and Mail cards, 1 numbered die, 1 Pay Day die which adds twists and turns, tokens, money pack, and more. 2 to 4 players.

**46<sup>95</sup>** 2149797





## Fractions

A



B



C



D



E



F



G



### A Magnetic Fruit Fractions

The set of (6) ø 20.3 cm magnetic circles includes whole, 1/4, 1/2, 1/3, 1/4, 1/5, 1/6, and 1/8 to provide a concrete model, as students learn about fractional relationships. Includes 24 pieces and a multilingual activity guide.

34<sup>95</sup> 2273183

### B Equivalence Pocket Chart

Children learn about equivalent fractions and establish links between fractions, decimals and percentages by swapping the included 3 sets of colour-coded fraction cards. The cards are compatible with Fraction Tiles (2254753). Heavy duty nylon chart with transparent plastic pockets and 3 sturdy metal grommets for easy hanging. 50 x 70 cm high.

36<sup>95</sup> 2069938

### C Number Lines – Fractions Classroom set

This set of desk top fraction number lines with 8 each of 1/16, 1/12, 1/10, 1/8, 1/4, 1/4 to 1-1/2, 0.25 (1/4), 0.125 (1/8), and 0.1 (1/10). Set of (72) 30.5 x 5.5 cm write-on, wipe-off plastic pieces. Some pieces feature blank calibration on the reverse side and others, decimals. Dry-erase pens not included.

36<sup>95</sup> 2078806

### D Demo Magnetic Foam Fraction Circles

Blank magnetic foam fraction circle pieces, representing 1, 1/2, 1/3, 1/4, 1/5, 1/6, 1/8, 1/10 and 1/12, used to teach the concept of equivalent fractions. The 9 colour-coded foam circles are 20 cm in diameter x 0.5 cm thick. Set of 51 magnetic pieces in all.

28<sup>95</sup> 2079010

### E Magnetic Foam Fraction Tiles

Blank magnetic foam fraction tiles, representing 1, 1/2, 1/3, 1/4, 1/5, 1/6, 1/8, 1/10 and 1/12, used to explore the concept of equivalent fractions. The colour-coded magnetic foam pieces, in 9 colours, are 0.5 cm thick.

#### Demo size

The tile representing a whole is 40 cm long.

18<sup>95</sup> 2079036

#### Student size

The tile representing a whole is 20 cm long.

6<sup>95</sup> 2079028

### F Rainbow Fraction Decimal, Percent and Fraction Tiles

Manipulating these 51 colour-coded, proportional, magnetic, foam tiles is the perfect introduction to the concept of fractions, for a group of 4-6 students. Demonstrate 1 whole, 1/2, 1/3, 1/4, and so on, all the way to 1/12. Use with magnetic white boards (see 3010915 & 3360690). Includes a teacher's guide.

18<sup>95</sup> 2259604

### G Peg Fraction Line

Great tool to show the relationship between fractions, decimals and percentages. Set of 92 dry-erase plastic cards, 65 showing fractions to twelfths, decimals or percentages, and 27 blank. Also includes one lace (3 meters long) and 15 clips in 5 different colours. In a plastic storage box.

54<sup>95</sup> 2263481





Hint from  $B^2$

*The following products are colour coordinated:*

**2254712** : *Fraction Circles Set*

**2254746** : *Fraction Squares Set*

**2254753** : *Fraction Tiles*

**2254761** : Printed Foam Fraction Disks

**2258465** : *Fraction circles*

**2069938** : *Equivalence Pocket Chart*

### A Equivalency Fraction Cubes

Interlocking fractions cubes designed to demonstrate fraction relationships up to  $\frac{1}{12}$ . Building simple bar graph models enhances dexterity, understanding of equivalencies, and fraction addition and subtraction skills. Set of 60 coloured cubes and 1 base plate  $20 \times 20$  cm, in sturdy plastic. With a teacher's guide.

29<sup>95</sup> 2128122

### B Double-Sided Magnetic Fraction Circles

Use a magnetic board (3360690) to introduce relationships between concepts of fractions and percentages. Set of (9)  $\varnothing$  19 cm circles includes whole,  $\frac{1}{4}$ ,  $\frac{1}{2}$ ,  $\frac{1}{3}$ ,  $\frac{1}{4}$ ,  $\frac{1}{5}$ ,  $\frac{1}{6}$ ,  $\frac{1}{8}$ ,  $\frac{1}{10}$ , and  $\frac{1}{12}$ , labeled with fractions on one side and percentages on reverse. With an activity guide.

**49<sup>95</sup>** 2207033

### C Fraction Rings

Set of 6 rings illustrating decimals, degrees, percentages, time, fractions and compass points. Can be used with an overhead projector. Plastic. Ø 14 cm. Can be used with 2254712 or 2258465.

7<sup>20</sup> 2261741

### D Overhead or Light Table Fractions Set

Each fraction has its own colour code. Set with 51 pieces.  
Translucent plastic in a convenient and sturdy storage box.  
Set includes 9 wholes, divided in 1 whole, 1/2, 1/3, 1/4, 1/5,  
1/6, 1/8, 1/10, and 1/12.

### Fraction Circles Set

8.7 cm in diameter.

8<sup>55</sup> 2254712

### Fraction Squares Set

10 x 10 cm squares.

12<sup>95</sup> 2254746

## E Fraction Tiles

Set of 51 proportionally-sized plastic pieces representing a whole, halves, thirds, quarters, fifths, sixths, eighths, tenths, and twelfths. Whole measures 20.3 x 2.5 cm.

**15<sup>95</sup>** 2254753

### F Printed Foam Fraction Disks

Set of (9)  $\varnothing$  9 cm foam disks representing a whole, halves, thirds, quarters, fifths, sixths, eighths, tenths, and twelfths.

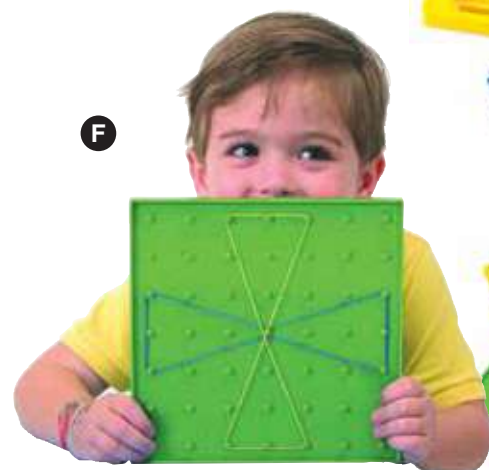
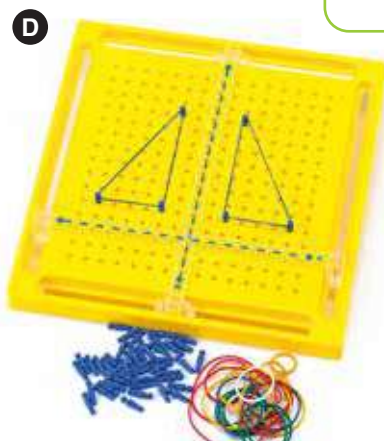
7<sup>15</sup> 2254761

### G Fraction circles

Soft plastic basic sets include shapes representing  $\frac{1}{2}$ ,  $\frac{1}{3}$ ,  $\frac{1}{4}$ ,  $\frac{1}{6}$ ,  $\frac{1}{8}$ ,  $\frac{1}{12}$  and  $\frac{1}{24}$ . Colour-coded. Set of 24.

**16<sup>95</sup>** 2258465

## Spatial Sense and Geometry



### A Junior Geoland

Children set the mirrors at the desired angle and explore symmetry and reflection with various shapes. Includes 4 acrylic mirrors (3 vertical and 1 semicircular horizontal), 1 plastic frame with degree graduations allowing to place mirrors in different angles, 30 pattern blocks, 50 GeoStix and 64 double-sided activity cards.

48<sup>95</sup> 2210839

### B Clear geoboards

Set of 6 squares 23 x 23 cm pin grid (121 pins).

25<sup>95</sup> 2128080

5<sup>75</sup> 2240612

### C Geo-Bands

Bag contains approximately 250 bands of assorted colours and sizes, enough for the average classroom of 25 students.

11<sup>95</sup> 2253946

### D X-Y Pegboard

Unique pegboard with sliding axes to allow maximum flexibility for coordinate graphing. Use the 50 pegs included and 30 rubber bands, in 6 colours and sizes, to model points, line segments, functions, and conic sections. 25 x 25 cm, plastic grid, pierced with 15 x 15 holes, and sliding axis lines allowing students to illustrate numbers from -14 to +14 on both the x-axis and y-axis.

10<sup>95</sup> 2254779

### E Geoboards – 17 cm

Double-sided boards with a 5 x 5 pin grid arrangement on one side, and a 24-pin circular pattern on the other. Includes 9 Geobands. Sturdy plastic, in rainbow colours. Square. 17.7 x 17.7 cm (25 pins). In packs of 6.

16<sup>95</sup> 2261576

### F Geoboards – 23 cm

Set of 6 double-sided boards with pins. Students connect the pins with elastic bands to create various geometrical forms. Features a 1.9 cm isometric arrangement of pins on one side, and a 11 x 11 pin square array on the other. Each board comes with 9 Geobands. Sturdy plastic. Square. 23 x 23 cm (121 pins). In rainbow colours.

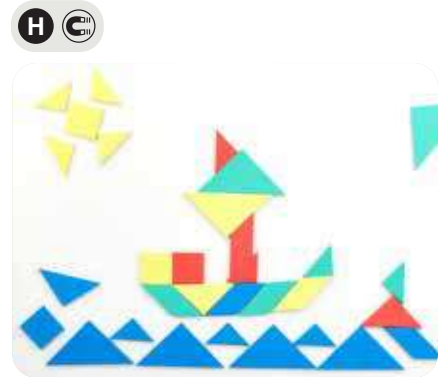
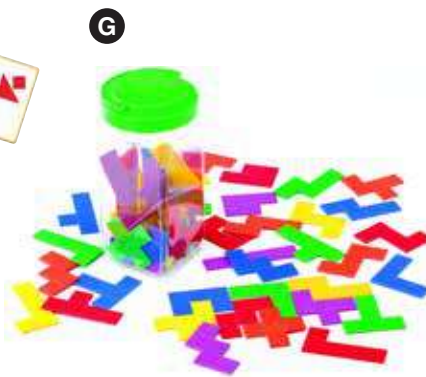
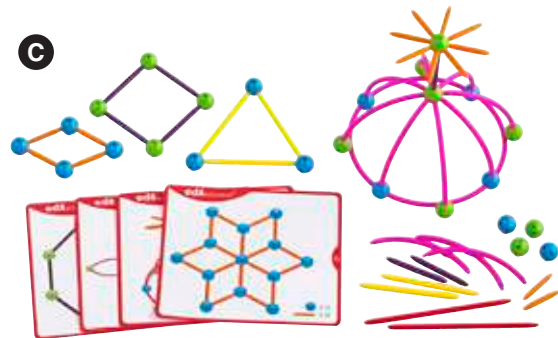
26<sup>95</sup> 2262871

### G Mathematics Manipulatives Manual – Geoboard Gems

Used with geoboards (not included) to explore geometry, algebra, measurement, the properties of shapes, position coordinates, rotation and translation, and perimeter and area. Comes with activity cards to photocopy or download. Soft cover. 48 pages.

23<sup>95</sup> 2106300





#### A Wooden 4-Way Mirror

90-degree corner unit where children can see reflections within each side and the base. For imaginative play, small world environments, learning about reflection and mirror effects, and more. Sturdy birch plywood construction with a stable base, rubber feet and 2 mm acrylic mirrors for flatter and clearer images. 45.7 x 23.8 x 29.9 cm high.

89<sup>95</sup> 2146330

#### B Wooden Tangram game

Classic, logical reasoning and problem-solving puzzle is made of high quality rubberwood. Includes 7 tangram blocks and 27 double-sided cards offering 54 pattern challenges, in a wooden storage box with clear sliding lid. 26.5 x 20 x 2 cm.

18<sup>95</sup> 2077311

#### C Skeletal Geo Set

Explore geometry concepts such as 2D shapes, 3D models, vertices, faces and edges with 80 sticks in 4 lengths and 4 colours and 80 balls, in a sturdy jar with lid. Bright plastic.

24<sup>95</sup> 2078699

#### D Tangrams

Liven up learning as the whole class practices comparing, composing, and decomposing shapes Tangrams in bright, bold colours.

##### Replacement Set

7 pieces set.

32<sup>95</sup> 2252880

##### Tangrams – Classpack

Set of 30 tangrams, 7 pieces each. Plastic in 4 assorted colours (red, green, blue, yellow). 210 pieces total in a sturdy storage plastic bucket.

38<sup>95</sup> 2045920

#### E Wooden Colour Tangram

Features 7 wooden coloured playing pieces, 18.5 x 18.5 natural wood base and (25) 11 x 11 cm model cards in 2 levels of difficulty (coloured silhouettes on one side and black ones, on the other). 1 player.

34<sup>95</sup> 2126985

#### F Classic Tangram

Original variation of the classic tangram game, where 1 player competes to see who can recreate the pictured figure first. Includes 1 set of 7-piece, 11.8 x 11.8 cm wooden tangrams, 250 double-sided cards featuring a figure, on one side, and the solution, on the other, and the rules with a single-player variation. Time: 20 minutes.

26<sup>95</sup> 2253847

#### G Pentominoes Classpack

Set of (6) 12-piece Pentomino sets. 72 pieces in total. Packed in a clear plastic tub for easy storage.

21<sup>95</sup> 2251395

#### H Magnetic Tangram Sets

Classic Chinese mathematical puzzle. Includes 8 sets of 7 piece tangrams in 4 attractive colours, for a total of 56 pieces.

31<sup>95</sup> 2254415

## Spatial Sense and Geometry



### A Pattern Blocks

Set of 250 pieces, in 7 different shapes and 6 colours. Ideal to create patterns on a mirror or for learning geometry, fractions, angles and symmetry. The breakdown of the hexagon into 2, 3 and 6 pieces can be demonstrated with the use of triangles, lozenges and trapezoids. Use them with Mosaics Pattern Cards (2253417).

**Plastic pieces** 14<sup>95</sup> 2251619

**Wooden pieces** 47<sup>95</sup> 2254829

#### Mosaics Pattern Cards

Set of 20 double sided colour cards, in 2 difficulty levels.

Ideal addition to the Large foam mosaics pieces (see 2251619 or 2254829). 17<sup>95</sup> 2253417

### B Giant Magnetic Pattern Blocks

These 47 proportionately-sized pieces are 3 times the length of standard pattern blocks on each side (9 times greater in total area). Perfect to reinforce shape recognition, symmetry, congruency, fractions, area, etc., on a magnetic white board (3360690). Hexagon: 15.2 cm. With an activity guide.

36<sup>95</sup> 2206365

### C Tangles Jr.

The only tangram puzzle for young children. Features 7 large, magnetic playing pieces, (1) 30 x 30 cm, sturdy plastic portable case with a large playing surface, storage tray and built-in handle, 12 large challenge cards in 3 levels of difficulty, and a booklet with 100 extra challenges. 1 player.

44<sup>95</sup> 2206563

### D Translucent Geometric Shapes

Set of 408 translucent geometric shapes designed to build structures in 2D. 14 shapes included: 2 different squares, rectangle, 5 different triangles, hexagon, trapeze, rhombus, circle, half-circle, quarter-circle. 7 colours. Relational pieces for endless creative possibilities. ideal for our light table (2073625). With instructions and storage tub.

52<sup>95</sup> 2178226

### E Magnetic Pattern Blocks

Set of 200 magnetic foam hexagons, squares, triangles, trapezoids, parallelograms, and rhombi, in 6 different colours. Includes an activity booklet.

49<sup>95</sup> 2254373





### Architect Series

The Architect Series features 4 games developed to teach basic geometry principles: Equilibrio, Tangramino, Architecto and Perspecto. Games build visual discrimination, spatial organization and problem-solving skills, spark the imagination, and require dexterity and perseverance. All four use the same pieces, namely 18 precision-cut geometrical blocks in a variety of shapes, made of sturdy plastic in solid colours, used to build models of progressive difficulty. Each set includes a model booklet with coated, cardboard pages, and a convenient spiral binding. 1 to 3 players, in a single team. To increase the number of players, add additional blocks (see 2170108).

<b>A</b> Architecto	<b>36<sup>95</sup></b>	2181089
<b>B</b> Equilibrio	<b>36<sup>95</sup></b>	2181113
<b>C</b> Tangramino	<b>36<sup>95</sup></b>	2181600
<b>D</b> Perspecto	<b>36<sup>95</sup></b>	2073633

### E Polyssimo

Pick a challenge card and place the first pieces on the grid, as pictured on the card. Then fill the grid with the remaining pieces to create a perfect square. Inviting game of patience features 30 progressive challenges and 11 bright wooden pieces. 1 player.

Age: 7 +	<b>31<sup>95</sup></b>	2016509
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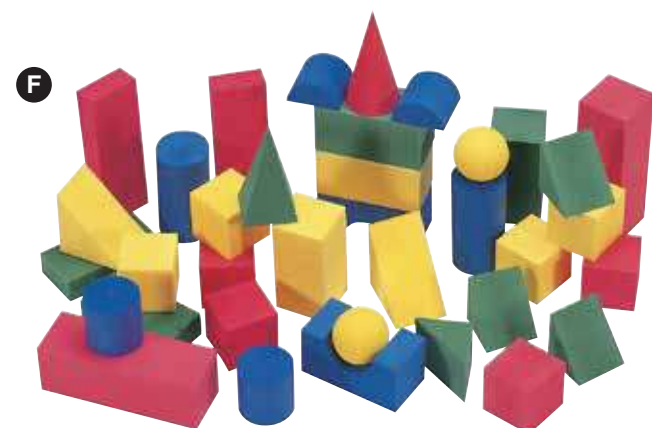
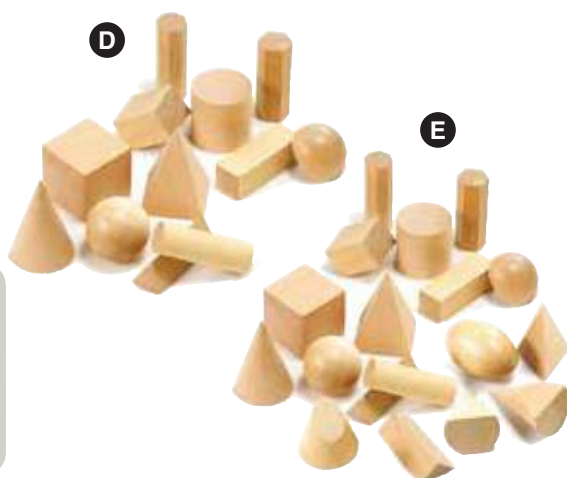
### F Cubissimo

Recreate a perfect cube using (7) 3D, colour wood polyminos, each made of 3 or 4 joined cubes, and 30 challenge cards, in 3 levels of difficulty, showing starting positions. 1 player.

Age: 7 +	<b>33<sup>95</sup></b>	2078624
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## Spatial Sense and Geometry



### A Folding 3-D GeoFigures

Translucent plastic 3D solids, to fill for volume study. Each solid includes a removable insert made of flexible plastic, which unfolds to reveal 2D nets. Their 10-cm common base helps measure the volume and surface area. The set includes 11 3D solids and 11 folding inserts.

**42<sup>95</sup>** 2262707

### B Large 3-D GeoFigures

These large geometric solids, characterized by a common size, can be used to explore volume, surface area and nets. 17-piece set includes small and large cubes, cone, square prism, sphere, square pyramid and more. Made of durable plastic with seamless edges. Base is 10 cm.

**56<sup>95</sup>** 2262673

### C Conexion

Create 3D polyhedrons and volumetrically-made shapes with these sets of polygons. Each set includes a detailed teacher's guide.

84 Pieces

**69<sup>95</sup>** 2254308

236 Pieces

**173<sup>95</sup>** 2254316

### Wood Geometric Solids

5 cm base.

**D** Set of 12 pieces

**23<sup>95</sup>** 2262897

**E** Set of 18 pieces

**41<sup>95</sup>** 2262905

### F Foam geometric solids

Set of 36 small assorted 3D geometric foam shapes. Small cube is 4 x 4 cm.

**57<sup>95</sup>** 2258499

### G Hands-On Soft Geometric Solids

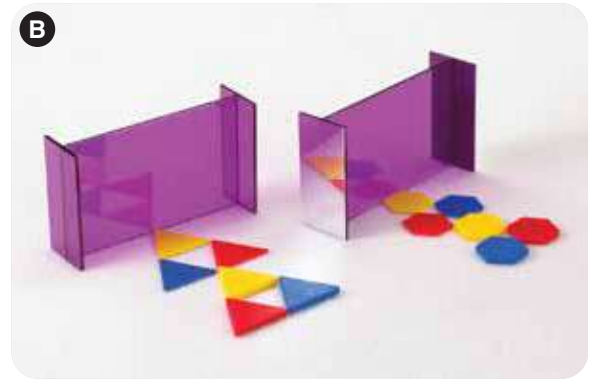
Set of 12 foam geometric 3D shapes, in 3 colours, ranging in size from 5 to 7.5 cm. Includes a cone, a sphere, a hemisphere, a cube, cylinders, a pyramid, prisms and a rectangular solid. Comes with a teacher's guide.

**34<sup>95</sup>** 2259687





B



C



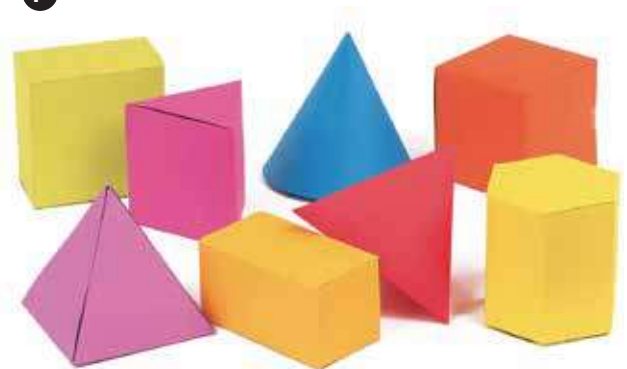
D



E



F



#### A GeoStix- student set

Clever visual aid designed to illustrate angle measurement and polygons. Includes 80 segments ranging in length from 2.5 to 15 cm, each length being one of 8 different colours. Segments snap together easily to form shapes, and (2) 10-cm protractors simply snap onto the segments to facilitate angle measurement. Information guide included.

17<sup>95</sup> 2078707

#### B Reflecting symmetry mirror

See-through polished plastic surface with reflective qualities. Students gain an intuitive understanding of geometry, symmetry and congruence. 15 x 10 cm.

4<sup>25</sup> 2254845

#### C GeoSolids 5 cm

Set of 17 geometric solids designed to study the notions of volume, surface area and net. Sturdy plastic. Approximately 5 cm high.

32<sup>95</sup> 2254787

#### D Relational Geometric Solids

Set of 17 geometric solids, designed to demonstrate the relationship between shape, size and volume. Hollow size-related spheres, cones, cubes, rectangles, cylinders, pyramids and polyhedrons have removable bases and stoppers (the sphere has a stopper only), allowing students to fill them with solids or liquids. Transparent plastic with coloured bases featuring the name of the solid.

5 cm Height 24<sup>95</sup> 2254795  
10 cm Height 67<sup>95</sup> 2254803

#### E Mini GeoSolids

Set of 40 geometric solids in 10 shapes, each available in 4 bright colours: triangular prism, cone, cube, cylinder, rectangular prism, hexagonal prism, triangular pyramid, square pyramid, sphere and half sphere. Plastic, 2.5 cm high.

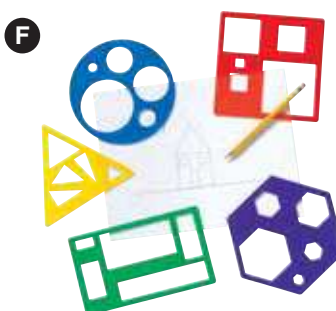
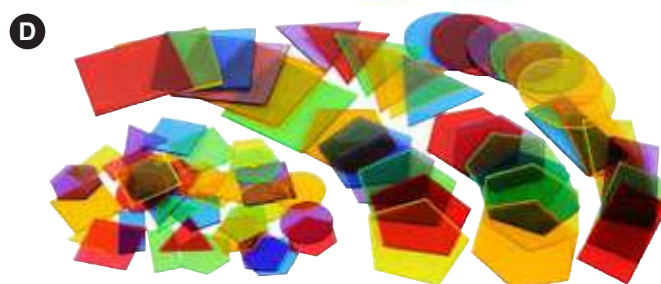
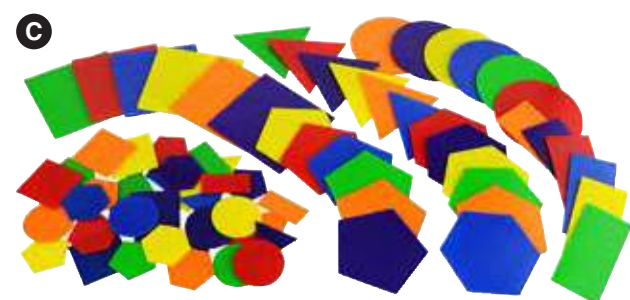
17<sup>95</sup> 2254811

#### F Geometric solids to build

Set of 32 cardboard geometric solids to build. Includes 4 of each of the following volumes: cube, cone, square-based prism, rectangular-based prism, hexagonal-based prism, triangular prism, square-based pyramid and triangular-based pyramid. Cube is 7 x 7 cm.

14<sup>95</sup> 2255685

## Spatial Sense and Geometry



### A Thamographe

New, all-in-one instrument used to measure and trace geometric figures. Replaces a math compass, ruler, protractor and set square. No sharp edges means no injuries. Features a central rule for simpler, faster, neater and more precise tracing, the pencil never leaving the sheet. Trace circles with a 10-110 mm radius, precise to the millimetre. Use with a hard lead pencil (3H or 2H) or a fine point marker. Sturdy plastic. 14.5 x 6 cm.

10<sup>95</sup> 3012234

### B Grouping circles

Ø 50 cm circles in 3 colours for a variety of counting and sorting activities. Collapsible for easy storage. Set of 6.

12<sup>95</sup> 2255495

### Attribute Shape Sorting Sets

Sets of 72 pieces in 6 shapes (square, rectangle, circle, triangle, pentagon and hexagon), 2 sizes (5 and 10 cm) and 6 colours. The translucent pieces are perfect on a light table. In a container.

#### C Attribute Shape Sorting Sets Solid

Sets of 72 pieces in 6 shapes (square, rectangle, circle, triangle, pentagon and hexagon), 2 sizes (5 and 10 cm) and 6 colours. The translucent pieces are perfect on a light table. In a container.

25<sup>95</sup> 2273209

#### D Attribute Shape Sorting Sets Translucent

Sets of 72 pieces in 6 shapes (square, rectangle, circle, triangle, pentagon and hexagon), 2 sizes (5 and 10 cm) and 6 colours. The translucent pieces are perfect on a light table. In a container.

25<sup>95</sup> 2273191

### E Attribute blocks

Set of blocks designed to develop and practice sorting, perception and logical organization skills, as well as hand-eye coordination. 60 blocks in 5 shapes, 3 colours, 2 sizes and 2 thicknesses. Hard plastic, the bottom of the storage case can be used as a stencil.

Medium size

16<sup>95</sup> 2240596

Desk Set

43<sup>95</sup> 2262863

### F Primary Shapes Template Set

Each shape template provides examples of the master shape, in varying sizes and orientations. Set of 5 templates made of durable and flexible plastic, in translucent colours to easily let children view their tracing lines after repositioning. Rectangle: 19 x 11.3 cm. With an activity guide.

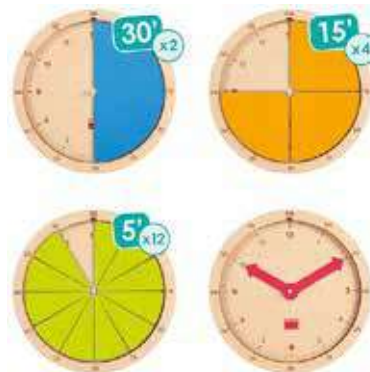
12<sup>95</sup> 2206373

### G Geometric Templates

Set of 4 templates respectively cut with circles (red), squares (green), geometric shapes (yellow) and funny shapes (blue). Outside borders feature metric/imperial rulers. Flexible plastic. Blue template is 29 x 12.7 cm.

16<sup>95</sup> 2262913





### A Magnetic Time Activity Set

Durable plastic clock with magnets to adhere to any whiteboard. Hands are geared to move in accurate increments. Allows for hands-on reinforcement for learning about time. Supports differentiation and assessment as you or your children remove and replace magnetic foam numbers. Minute hand: 6.3 x 27.9 cm long. Numbers: approx. 10 cm tall.

**39<sup>95</sup>** 2253979

### B Dual Power Timers

Can time up or down to 99 mins and 59 seconds. Feature handy size, alarm, dual power to always be charged and ready to go, and easy-to-use push buttons. 6.5 x 6.5 x 1.3 cm. Display is 5.3 x 2.5 cm. Pack of 5, one of each colour (red, green, blue, yellow, white) for easy identification.

**56<sup>95</sup>** 2088482

### C Geared Clocks

24-hour clocks with hidden gears which maintain correct hour and minute relationships. Feature hours 1-12 and 13-24, and minutes in increments of 5. Red dials with contrasting white numerals, with colour-coded hands. Sturdy plastic.

#### Student Model

Set of 6. Diameter 10.5 cm.

**28<sup>95</sup>** 2252872

#### Teacher Model

30-cm diameter.

**21<sup>95</sup>** 2252856

### D Demonstration clock – write-on/wipe-off

Heavy-duty laminated clocks feature movable plastic hands and a place to write in the digital time.

#### Student model

Pack of 10.

**13<sup>95</sup>** 2335024

#### Demonstration size

30 cm square. 1 clock.

**9<sup>95</sup>** 2337962

### E Tell Time Flip Charts – Set of 10

Feature 4 sets of flips, to tell time from 00 : 00 up to 23 : 59, and 1 clock face with moving hands, printed with hours 1-12 and 13-24, and minutes 5-60, in 5-minute increments. Student size flips are 32 cm W x 9.2 cm H. Pack of 10.

**72<sup>95</sup>** 2087963

### F Let's Build the Time

Fit coloured pieces in a large clock to break down an hour into segments of 5, 15 and 30 minutes. Includes 1 big size clock featuring hours and minutes (ø 22.4 cm), 12 5-min. pieces, 4 15-min. pieces, 2 30-min. pieces, and 2 hands. All wood.

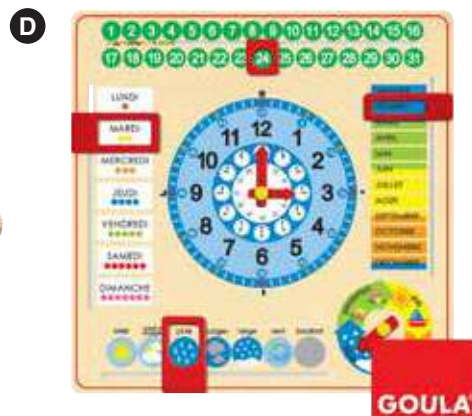
**33<sup>95</sup>** 2126050

### G Calendar Pocket Chart

Blue nylon chart features 7 rows of see-through pockets for strips and cards, for months and days of the week (in English and in French), and dates (1-31) (included). Durable construction and sturdy grommets for easy hanging. 66 x 63.5 cm.

**41<sup>95</sup>** 2193993

## Measurement



### A Dinosaur Bones Match and Measure Resources

Appeal to children's natural instincts to explore, sort, order and compare. Include 16 bones in 8 different lengths, moulded from a durable resin/stone mix, to bury in the sand or soil, place in water or leave outside to be discovered, and 16 sturdy colour PVC activity cards 27 x 21 cm.

74<sup>95</sup> 2273357

### B Les proportions

Using logic, put rods on a labyrinth-like path to complete the grid and learn while having fun. Includes 55 coloured rods valuing 1 to 10 and 4 double-sided sheets of illustrations. 1 or 2 players. Available in French only.

29<sup>95</sup> 2272532

### C Pegs and Measurements

Children roll the colour die, then place a same-colour rod of the appropriate length in a free groove on their activity board. Fosters colour recognition, counting and early measuring skills. All-wood game with 70 rods in 5 colours and 2 reversible boards, in a wooden storage box. 1 or 2 players

77<sup>95</sup> 2272524

### D Clock-calendar

Versatile wood-base decorated frame, featuring a 24h manual clock, days of the week, months of the year, and seasons. Ideal to teach children notions of time. Easy to hang. Square shape, 43.4 cm each side. Available in French only.

42<sup>95</sup> 2250348

### E Teaching Clock

Feature hours 1-12 and 13-24, minutes in increments of 5, 12 small faces without numbers, with hands indicating full hours, and 4 small, fragmented circles indicating quarter hours. All natural and painted green and white wood. On 2 removable pegs (stand). Ø 25.6 cm.

19<sup>95</sup> 2206829

### F 1-10 maths!

Strategic and fun to play, this game helps the child better understand number concepts. The first player to place all his/her counting rods on the board wins the game! The set includes 1 game board 36 x 36 cm, 40 colourful counting rods 1-10, 1 fabric bag and game rules with variations on play. Wooden play pieces, 2 to 4 players.

33<sup>95</sup> 2257137

### G 1 m Fiberglass Tape Measure

Sturdy white tape is calibrated vertically in cm on one side (in blue) and horizontally in cm on the other (in black). Simply roll up after use. Pack of 12.

Age: 5 +

6<sup>30</sup> 2036093





### Hint from B<sup>2</sup>

#### Proportional Plastic Bear Weights

This set is an ideal complement to our Junior scale (see 2263549). A simple device, designed to introduce the concepts of measuring & weighing.



#### A Primary Pan Balance Scale

Features 2 translucent plastic pans marked at 200 mL increments, which hold up to 1 L of liquid or solids, and compensator clips for level and accurate measuring. Includes 5 x 1 g, 5 x 5 g and 5 x 10 g stackable weights which store easily in the bottom of the base. Made of durable, washable plastic. Assembled dimensions: 73.7 x 32.5 cm.

19<sup>95</sup> 2251536

#### B Electronic scale 2000g

This 2 kg scale comes with a clear bowl which is ideal for weighing multiple small objects at once. Easy to use. Large display screen. Capacity 4.4lbs/ 2 kg in 1/8 oz/1 g increments. 4 AA batteries included.

45<sup>95</sup> 2132033

#### C Combined Scale

Scale ideal to weight liquids and solids. Includes 1 sturdy plastic base with a mobile central cursor, (2) 1 L graduated, see-through, removable containers, 2 container cover-trays, 11 metal weights ranging from 1 g to 50 g and (14) 5 g, 10 g or 20 g stackable weights in easily accessible compartments, and 1 instruction booklet.

42<sup>95</sup> 2253920

#### D Proportional Plastic Bear Weights

Set of plastic bear weights. 96 pieces weighted at 4 g, 8 g and 12 g in 4 colours to help children differentiate. Ideal complement to our Junior scale (product 2263549).

28<sup>95</sup> 2263523

#### E Junior Scale

A starter scale for young children. Simple device made of bright, colourful plastic. Designed to introduce the concepts of measuring, weight and quantity comparison, and using a scale.

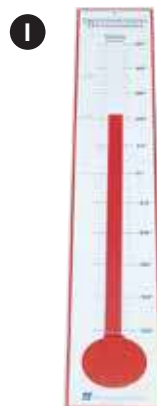
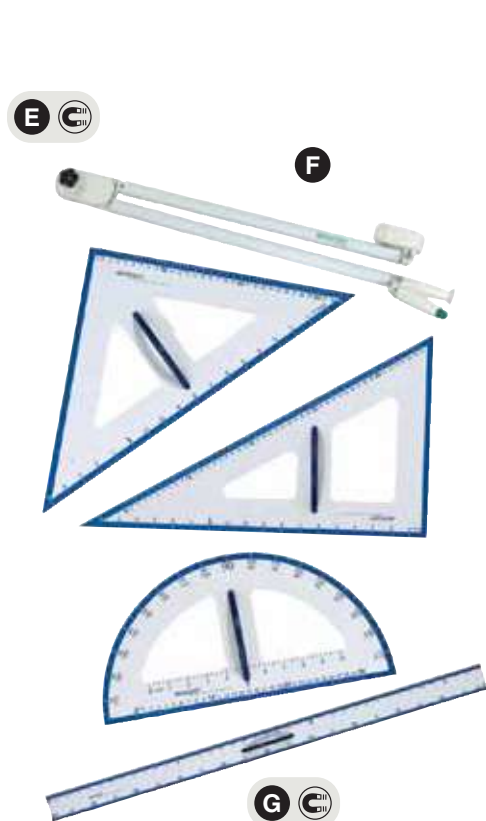
34<sup>95</sup> 2263549

#### F Beam scale

All-purpose heavy-duty scale with 2 deep, removable dishes of 10.8 x 10.8 cm. Accurate weight from 1 g to 2 kg with possible zero position adjustment. Includes: 10 brass weights from 1 g to 50 g, stored on either side of the base, 1 set of plastic tweezers and 1 activity booklet.

33<sup>95</sup> 2335321

## Measurement



### A Liquid Volume Measurement Set

Includes 5 nesting measuring jars with coloured lids, which measure liquids from 50 ml to 3,000 ml, 3 measuring cups, 5 dry measure cups, and 6 measuring spoons. See-through or solid colour, high impact plastic.

**41<sup>95</sup>** 2079085

### B Graduated plastic beakers

Set of 5 (50, 100, 250, 500, 1,000 ml).

**31<sup>95</sup>** 2257681

### C Droppers

Plastic. 76 mm. Pack of 12.

**9<sup>75</sup>** 2334035

### D Graduated measuring cylinders

Graduated cylinders with embossed calibration for easy measuring. Wide, stable bases. Chemical and acid resistant. Autoclavable and microwavable. Made of tough transparent polypropylene plastic. Includes: 10 mL, 25 mL, 50 mL, 100 mL, 250 mL, 500 mL, and 1000 mL.

**31<sup>95</sup>** 2336733

### E Westcott teacher's dry erase/chalk boards geometry set

5-piece set for chalkboards or dry-erase boards. Includes 1 compass, 2 L-squares (30°-60°-90° & 45°-45°-90°), 1 protractor and 1 – 60 cm ruler. Compass features an adjustable grip which fits most dry-erase markers and chalks. White plastic, with magnets and handles.

**109<sup>95</sup>** 3010329

### F Teacher's dry erase/chalkboard compass

Compass features an adjustable grip, which fits most markers and chalk. Draws circles up to 150 cm diameter.

**26<sup>95</sup>** 3010352

### G Magnetic meter stick

Sturdy plastic, with handle.

**29<sup>95</sup>** 3010568

### H Classroom Thermometer

This oversized indoor/outdoor thermometer features a large and accurate 30-cm glass magnifying tube. Offers a range of -40 to 50 °C or -40 to 120 °F. Plastic. 38 cm high.

**11<sup>95</sup>** 2034759

### I Demonstration thermometer poster

Excellent way to introduce Celsius reading. Temperature range -50°C to 50°C. 15 x 90 cm

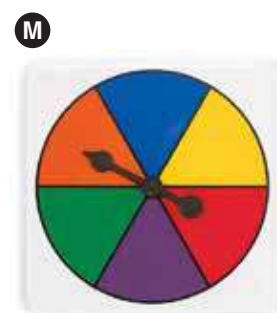
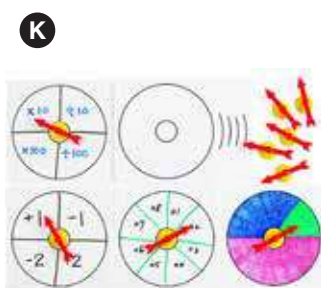
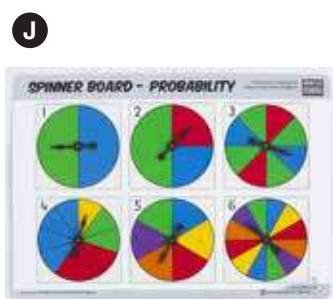
**12<sup>95</sup>** 2262301

### J Indoor thermometer

195 x 60 mm. Reading: -35 °C to 55 °C.

**4<sup>65</sup>** 2262343





#### A Foam dice

High density foam die. Yellow with black dots. 14.5 cm square.

**24<sup>95</sup>** 5002977

#### Two-Colour Plastic Counting Chips

Two-colour plastic counters offer students a hands-on tool for understanding and manipulating early abstract mathematical concepts, including probabilities. Plastic. Set of 200. Red and yellow.

**B Plastic Red and Yellow** **11<sup>95</sup>** 2261170

**C Red and white foam** **8<sup>55</sup>** 2035210

#### D A Plus Playing Cards

Giant, 11.5 x 17.3 cm, laminated, thick playing cards and rounded corners.

**10<sup>95</sup>** 2078723

#### E Mammoth Playing Cards

Deck of ultra-large playing cards. Ideal to teach classic card games et introduce the concepts of series and probabilities. Cardboard cards with traditional figures. Measure a full 25 x 28 cm.

**19<sup>95</sup>** 2110286

#### F Playing Cards

Standard playing cards deck.

**1<sup>35</sup>** 2114262

#### G Large Symbol Playing Cards

Standard playing cards deck with large numbers and symbols. Ideal for visually or cognitive impaired players

**1<sup>95</sup>** 2114270

#### H Foam Dice Set

Set of 6 foam standard dice coated with polyurethane in 6 different colours. 7.5 cm each side. 6-sided.

**47<sup>95</sup>** 2254670

#### I Transparent Chips

Perfect for counting, sorting, colour discrimination, and much more. Pack of 250 transparent counters, in 6 colours. ø 1.9 cm.

**6<sup>95</sup>** 2255701

#### J Spinner Boards

Simply flick and record the results of a series of spins, then compare. Includes 8 sturdy plastic, progressive spinner boards and stickers with the French translation, in a clear plastic wallet.

Probabilities **29<sup>95</sup>** 2035277

#### K Suction Spinners with Whiteboards

Set of 10 double-sided, dry erase 18 x 18 cm whiteboards printed with concentric circles on one side and blank on the reverse, and 10 suction spinners with 10 cm arrows, which stick to most smooth horizontal and vertical surfaces. For probability, place value, random number generation, and more.

**25<sup>95</sup>** 2103034

#### L 0-9 Spinners

Set of 5 dials divided into (10) 0-9 numbered sections. Ideal complement of multiple initiation to math activities.

**9<sup>95</sup>** 2254696

#### M Colour Spinners

Set of 5 dials divided into 6 different coloured sections. Perfect to extend activities of logic and series, as well as multiple games.

**15<sup>95</sup>** 2254704

## Data Management – Probability



### A Foam Dice

Set of 12 foam dice of 16 mm each. Various colours  
**5<sup>75</sup>** 2036036

### B Basic Dice Set

Ideal to teach number concepts, probability, counting and basic addition and subtraction, this classroom set includes (48) 16 mm dot dice in 4 colours and (24) 10-sided dice in 2 colours. 72 pieces, in a sturdy plastic case.  
**25<sup>95</sup>** 2078756

### C Polyhedron dice with 10 sides

Pack of 5 Polyhedron dice, with 10 sides (numbered 0 to 9). Ideal to animate math activities in class. 18 mm, 5 colours.  
**8<sup>30</sup>** 2181840

### D Polyhedron dice with 12 sides

Pack of 5 Polyhedron dice, with 12 sides (numbered 1 to 12). Ideal to animate math activities in class. 18 mm, 5 colours.  
**8<sup>30</sup>** 2183044

### E Blank dice

Pack of 10. 16 mm side. **6<sup>95</sup>** 2183473

### F Plastic 6-sided dice

16 mm. White. 1 to 6 black dots. Pack of 10.  
**6<sup>20</sup>** 2183630

### G Jumbo Dice in Dice

Set of (12) 3 cm dice in 6 colours, with a white inner die. Reinforce number concepts, counting, operations and probability with these popular double dice. Offered in a larger size perfect for little hands. Plastic. In a storage tub.  
**21<sup>95</sup>** 2206381

### H Dice Classpack

This complete math activity aid includes classic dice with dots, 56 dice with mathematical symbols: numbers 1-6 and 0-9, fractions, percentages, decimals, multiples of 10, 100 and 1000, as well as multi-face dice in 2 sizes and 7 colours. In a sturdy clear plastic case.  
**36<sup>95</sup>** 2240570

### I 72 Dice with Dots Set

Set of 72 dice measuring 16 mm with 6 dots, in 4 colours. Perfect for various addition and subtraction activities, and inventing games. In a sturdy clear plastic case.  
**24<sup>95</sup>** 2240588

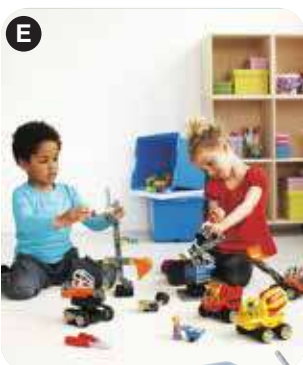
### J Math Operator 4 Function Dice

Sets of 6 dice. Addition, subtraction, multiplication, division, greater than, greater than or equal to.  
**10<sup>95</sup>** 2251791

### K Magnetic Write-On & Wipe-Off Dice

Wonderful manipulatives to create your own fractions, operations and other specialty dice. Dry-erase markers leave no ghost images. Set of 4 small dice in assorted colours, 5 cm side.  
**27<sup>95</sup>** 2262822





### Six Bricks set

Six Bricks is one of several tools to introduce children to play-based learning in different environments. Through fun, short and playful activities with LEGO® DUPLO® bricks in six bright colours, children practise and develop a range of skills. 12 pieces in total, 2 Six Bricks assortments per box.

Age: 4 +

### A Six Bricks set

6<sup>95</sup> 2483089

### B Classpack for 20 students

This set includes: 10 Six-Bricks sets and 1 Storage bin

69<sup>95</sup> 2246296

### C DUPLO® – Coding Express

With the popular LEGO® DUPLO® train set, Coding Express inspires preschoolers to explore early coding concepts such as sequencing, looping and conditional coding, while developing problem-solving skills, critical thinking and collaboration skills. The 234 LEGO® DUPLO® brick set includes 3.8 m of tracks, a motor with a colour sensor, 5 coloured action bricks, 2 railroad switches, building inspiration cards, a Getting Started activity card, wall poster, an online teacher guide with 8 lessons, and 8 simple tutorial videos. A free app offers 4 exciting areas for children to explore. 2 to 4 children.

Age: 4 +

396<sup>95</sup> 2498327

### D DUPLO® – STEAM Park

Discover gears, movement, measurement and problem solving in teams with this park full of mobile rides. Rich content for learning cause and effect relation, observation and descriptions collaboration skills and role play. Offers a special selection of 295 DUPLO® bricks that stimulate creativity, including gears, rails, pulleys, boats and action figures, 8 illustrated construction sheets of 16 progressive models, 5 activity sheets, an online teaching guide with 8 lessons STIAM, and more (in English). This is a great way to enrich your existing DUPLO® packages.

Age: 4 +

279<sup>95</sup> 2498079

### E DUPLO® – Tech machines

Enhance early engineering skills with lots of versatile elements such as reels, hooks, scoops and cranes, 4 screwdrivers and integrated, clicking screws. Sturdy, 95-piece DUPLO set includes activity starter cards and a teacher's booklet. In a storage bin.

Age: 4 +

343<sup>95</sup> 2495505

# KUBO

The screen-free scalable solution for learning code from preschool.

## KUBO PLAY

A digital solution is also available. Ask your **B&B** representative.

More content here!



## A KUBO – Coding Starter Set

Teach functions, subroutines and loops in simple, logical steps. KUBO comes with comprehensive lesson plans and teacher guides to make it easy for teachers to deliver cross-curricular challenges in a hands-on, playful way.

Included in the set:

- 1 ACTIVITY MAP: Use with assignments from KUBO's Coding License. Size: 48 x 48 cm
- 1 KUBO ROBOT: Can be used on a standard table
- 1 MICRO USB CABLE: Charge your robot
- 46 TagTiles

Age: 4 +

**306<sup>95</sup>** 2146850

## B KUBO – Coding + Set

The students' skills will improve with this super assortment of 36 additional TagTiles to use with your KUBO Coding Starter Set (2146850). These tiles allow control of time, speed, distance and direction. There are KUBO Coding+ lesson plans and teacher guides, to guide teachers and students all the way.

With KUBO Coding+ students become more confident programmers using functions, subroutines and loops for endless possibilities. Go to [bb.ca](http://bb.ca) for detailed content.

Age: 4 +

**81<sup>95</sup>** 2146868

## C KUBO – Coding ++ Set

The KUBO Coding++ TagTile Set completes the series of TagTiles needed to introduce all primary concepts of coding in a unique hands-on, screen-free way. This puzzle-like set makes it easier for students to work with complex algorithms and develop abstract thinking. The set includes 44 TagTiles addressing concepts of events, conditions (if/else) and variables. This comes with lesson plans, a project pack and teacher guides. Go to [bb.ca](http://bb.ca) for detailed content.

Age: 4 +

**81<sup>95</sup>** 2146876

## D KUBO – Coding Math set

The KUBO Coding Math pack is a new unique set of TagTiles that combines coding while focusing on math, giving teachers a great way to cover multiple learning objectives in one go. This add-on pack contains 50 new TagTiles including numbers, operators and playful Game TagTiles. More than 200 challenge cards and 3 printable challenge maps are suggested online that address counting, cardinality, number sense, algebraic thinking and operations. Go to [bb.ca](http://bb.ca) for detailed content.

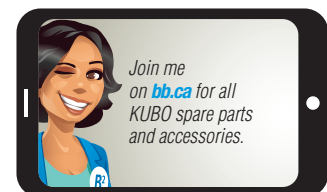
Age: 4 +

**81<sup>95</sup>** 2146884

## E KUBO – Replacement and Complementary Parts USB Cable

Age: 4 +

**4<sup>95</sup>** 2146967



Join me on [bb.ca](http://bb.ca) for all KUBO spare parts and accessories.



# Subscribe and rent your robots, what an original concept!

The KUBO subscription is advantageous and economical to always get the most updated technology.



Many offers are available that can be financed with digital subscription budgets.

**Tons of resources are available with a subscription recurring yearly.**

*Hint from B<sup>2</sup>*

Contact your B&B representative for more info.

## Hands-on learning

Visual and spatial tools enhance core concept understanding

Turns abstract into concrete experience

Enables natural collaboration

## Blended learning

Increase inclusion

Increase learning outcomes

Increased student insights

## Digital learning

Personal pace, space, and time

Personalized learning experience through adaptive content systems

12 KUBO coding starter set

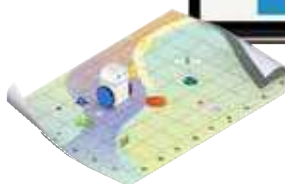
**1,149<sup>95</sup>** 2245835

12 KUBO coding starter set + 1 year access for 35 students to KUBO play

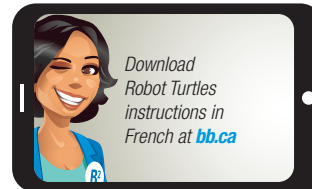
**1,399<sup>95</sup>** 2245843

1 year access for 35 students to KUBO Play

**429<sup>95</sup>** 2245850



## Screen-Free Coding



### A Coding Stones – Set of 18

These penguins are not only cute but they will also inspire the use of directional and positional language, matching practice, problem solving, pattern making, logical thinking and sequencing skills. These penguins are specially designed to embed pre-coding skills through an appealing, tactile resource and are even robust enough to be used outdoors, on ice or sand! Contains 18 penguins: four of each directional arrows and two without arrows. Each penguin stone measures 48mm. To be used with Activity cards (2147700).

Age: 3 + **44<sup>95</sup>** 2147692

### B Coding stones – Activity Cards

Set of 16 activity cards with appealing photographic images providing a realistic backdrop to the activities. Made from a sturdy and washable plastic, each card measures 275 x 210 mm.

Age: 3 + **34<sup>95</sup>** 2147700

### C Let's Go Code

This engaging step-by-step approach to early coding and programming concepts does not require a computer. Simply place the (16) 24 cm EVA foam mats on the floor and use the 20 coding cards to hop, step, and turn your way across the activity mats to practise problem-solving skills. Also features die-cut pieces including robots, gears and arrows, and a full-colour guide with sample mazes and coding overview.

Age: 5 + **51<sup>95</sup>** 2096949

### D Robocoding game

Coding without a computer? It is the best way to start! Each player has a coloured robot and must move it to be the first to reach a space determined by the arrows. In a cooperative

variant all the players team up to bring a common robot to its objective square. Promotes logical thinking, problem solving and cooperative learning. 1 to 4 players.

Age: 4 + **30<sup>95</sup>** 2128494

### E Robot Turtles

In this fun, dynamic board game, players quickly learn to program their turtle's steps through a maze using instruction code cards, so it can reach its matching coloured jewel and unlock the next levels of play. Along the way, players will encounter bugs and walls requiring them to examine and edit their code. 4 levels of play and advanced rules for grown-ups. 2 to 5 players.

Age: 4 + **39<sup>95</sup>** 2014991

### F Code & Go Mouse Mania Board Game

No screen or app necessary. Players string together coding cards into sequences of commands to "compute" their way toward cheesy wedges on the board. Critical thinking skills are key to navigate around blocking maze walls and toward warp speed tunnels. Includes 1 board, 90 cards, 4 mice, and more. 2 to 4 players.

5 ans + **28<sup>95</sup>** 2038842

### G Easy Coding Game

Play and programming for tots!

The mission is to help the animals by programming the correct actions. A fun game that introduces young children to coding, encouraging them to solve problems effectively with the tools available.

Age: 4 + **22<sup>95</sup>** 2132041

### H Code Master

Use programming logic to help your Avatar collect power Crystals and land at the Portal. Think carefully in each of the 60 levels, only one specific sequence of actions will lead to success! Solutions included. 1 player.

Age: 8 + **31<sup>95</sup>** 2079556

### I First Coded Routes for 2 children

With this playful, self-correcting workshop, children learn to move across a grid, describe and represent paths based on a series of instructions, and understand and use spatial markers (up, down, etc.). Includes 6 double-sided themed boards, 24 double-sided instruction strips in 2 progressive series, 2 plastic grids, 14 picture tokens, 12 tokens in 2 colours and 1 comprehensive teacher's guide. For 2 children

Age: 3 + **59<sup>95</sup>** 2038024

### J Quadricoding Activity Set

Designed to create paths on a grid using a variety of magnetic pieces and detailed or partial clues. Includes 2 double-sided magnetic boards 32.5 x 22.5 cm with a 12 x 8 grid pattern, 46 magnetic squares printed colour lines with arrows, 24 numbered progressive activity cards and 1 comprehensive teacher's guide. 2 players.

Age: 4 + **56<sup>95</sup>** 2038032





### A Robot TaleBot Pro

TaleBot Pro can be configured in seven different languages, including English and French. The robot uses the interactive map for children to learn new skills while enjoying rich stories. Kids can also record their own fun stories and play them back. Language skills, imagination and creativity will be greatly improved. TaleBot Pro help kids learn early programming and build key skills such as critical thinking, problem-solving, sequencing, creativity and basic coding concepts.

Includes: 1 TaleBot Pro robot, 5 double-sided interactive map, 30 interactive stickers and 17 activities in a booklet.  
Age: 4+ **169<sup>95</sup>** 2245587

### B Matatalab – Coding Set

With this screenless, word-free coding robot set, children tap into their imagination to create infinite possibilities using the blocks, draw new maps, build obstacles, etc. They simply place coding blocks on a board which, together with a command tower, relay information to a small robot, controlling its movements on a game map through the coding algorithms. The control tower and robot are rechargeable.

Age: 4+ **239<sup>95</sup>** 2039584

### Matatalab – Artist Add-on

Combined with Matatalab Coding Set, children can draw beautiful graphics and pictures through programming, while being introduced to basic geometrical concepts such as angles. To draw, simply remove the robot cover and insert a marker vertically. Not illustrated.

Age: 4+ **41<sup>95</sup>** 2039592

### Matatalab Musician Add-on

Add a musical touch to the Matatalab robot with this amusing add-on. Not illustrated.

Age: 4+ **69<sup>95</sup>** 2039923

### C Robot Mouse Coding Activity Set

Excellent game to develop early programming logic. Build your maze, and then use the coding cards to create a step-by-step path for the Programmable Robot Mouse. Program the sequence of steps, and then watch the mouse race to find the cheese! Requires 3 AAA batteries (not included).

Age: 5+ **83<sup>95</sup>** 2076545

### D Robot Mouse Code & Go

This fully programmable robot mouse is ready to follow commands to teach hands-on coding concepts! Set includes 30 coding cards and Activity Guide.

Age: 4+ **47<sup>95</sup>** 2095941

### E Botley 2.0 Complete Coding Robot Activity Set

With the help of Botley's 77-piece activity set, kids will be solving their first coding and STEM challenges in just minutes!

Age: 5+ **114<sup>95</sup>** 2126878

### F Botley 2.0 – Classroom Bundle

Screen free coding for the class. This set includes 4 robots: 2 with the Activity Sets and 2 additional. The Botley Coding Robot Action Challenge Accessory Set and Construction set are also included.

Age: 5+ **484<sup>95</sup>** 2128502

### G Robot mTiny

mTiny is an early education robot for children growing up in the digital age. Its Tap Pen Controller is a coding tool that exercises children's logical thinking and problem-solving abilities. The continuously updated mTiny toolkit also fosters children's interest in learning in math, English, music, and other subjects, and keeps them inspired.

Age: 4+ **209<sup>95</sup>** 2142859

### H Cubetto

Screenless, wooden coding robot designed to develop logic and problem solving. With the unique tactile, durable and team-friendly interface, children as early as age 3 create a script of code using blocks on a board, each one being an action.

Age: 3+

### Coding Robot Playset

Includes 1 Cubetto, 1 board, 16 coding blocks, 1 map, and 1 story book. **399<sup>95</sup>** 2498970

### I DEBUG'D – Curriculum for Cubetto

An inclusive coding curriculum for all students regardless of challenges -- cognitive, communication, physical and other complex learning needs -- for the Cubetto teaching robot.

With digital, printed and ready-to-print activities and instructional strategies, debug'd includes every student in meaningful participation through:

- explicit instruction,
- differentiated strategies,
- visual materials and
- real-world connections.

Content:

Curriculum Guide

- 5 lessons with clear step-by-step, scaffolded instruction for teachers
- Anchor activities to build and activate background knowledge
- Ideas for differentiation beyond the lessons and materials

**299<sup>95</sup>** 2245975

## Bee-Bot® / Blue-Bot®

A



B



C



D



E



F



G



### A Bee-Bot® – 6 Robots Bundle

Includes 6 rechargeable Bee-Bot and 1 docking station acting as both a charger and safe storage. Can be wall-mounted with 6 Bee-Bots in situ. Charges Bee-Bots within half a day, approximately 4 hours of normal use.  
Age: 4 + **789<sup>95</sup>** 2207702

### B Bee-Bot®

Great tool to develop intuitive programming through logical steps sequence. Program this pretty little bee robot's route by using the simple instructional buttons on its back. Bee-bot moves in 15-cm steps and emits sounds (can be deactivated) to confirm each step. With a memory of 200 steps, Bee-Bot can now detect another Bee-Bot or Blue-Bot. Supplied with a USB lead, Bee-Bot can either be recharged via your computer or a wall socket with a USB mains adapter (not supplied). Approx. 4 hours of running time. Robust design with smooth-rolling, rubber wheels. Sturdy plastic. 13 x 10 x 7 cm high.  
Age: 4 + **149<sup>95</sup>** 2207694

### Bee-Bot® – Group Set

Set includes 1 Class Bundle (6 rechargeable Bee-Bots and 1 docking station), 3 activity mats (1 Alphabet, 1 Treasure Island, 1 see-through grid), 1 set of 49 sequence cards, and 1 teacher guide. Not shown.  
Age: 4 + **889<sup>95</sup>** 2209963

### C Bee-Bot® – Starter pack

Bee-Bot is a mobile bee easily programmable by toddlers. Includes 1 rechargeable Bee-Bot with USB charging lead, 4 activity mats (Treasure Island, Busy Street, 2 Transparent Grids 60 x 60 cm), 1 set of 49 sequence cards, and 10 white clip-on shells to give Bee-Bot a makeover.  
Age: 4 + **349<sup>95</sup>** 2208031

### D Blue-Bot® – Class Bundle

Includes 6 rechargeable Bee-Bots and 1 docking station acting as both a charger and safe storage. Can be wall-mounted with 6 Blue-Bots in situ. Charges within half a day, approximately 4 hours of normal use.  
Age: 4 + **1,059<sup>95</sup>** 2234771

### E Blue-Bot®

Just like Bee-Bot®, this little bee robot allows your students to develop programming, logic and spatial orientation skills while having fun. 2 ways to program: using the buttons on the robot's clear shell (moves in 15-cm steps and rotates in 45-degree increments) or remotely, using Bluetooth technology (download a free app for iOS, Android, Windows and MacOS). With a memory of 200 steps, Bee-Bot® can now detect another Bee-Bot® or Blue-Bot®. They will play a default sound or the students can record their own. Rechargeable battery. Use on the same challenge mats as Bee-Bot®.  
Age: 4 + **179<sup>95</sup>** 2209948

### F Blue-Bot® Mat Pack

Perfect for getting students to replicate the mats they see on screen to the ones on the floor. Pack includes 6 Blue-Bots, 1 rechargeable docking station, 1 Farm mat, 1 Treasure Island mat, and 1 Fairy Tale mat. Can students code Blue-Bot to make its way from the forbidden swamp to the cove?  
Age: 4 + **1,199<sup>95</sup>** 2088060

### G Blue-Bot® Tactile standard tile pack

Code with Blue-bot! Place your individual tiles in a row on the reader to build up a sequence of instructions, press go and see Blue-Bot complete the program. Up to 3 readers can be connected together, so children can build a program of up to thirty steps. Unit is rechargeable and includes 25 TacTiles.

### Reader & Tiles

Age: 4 + **249<sup>95</sup>** 2088045





## A Bee-Bot® – Pen Holders

Simply clip on the shell, place a pen in the pen holder, program the robot and off it goes drawing. Set of 6, in rainbow-coloured study plastic. Pens and robot not included.

Age: 4 + **41<sup>95</sup>** 2049682

## B Bee-Bot®/Blue-Bot® – Pushers

Robots push objects from one destination to another with this set of 6, rainbow-coloured, sturdy plastic clip-on pushers. Fit both Bee-Bot® and Blue-Bot® robots (not included).

Age: 4 + **41<sup>95</sup>** 2049674

## C Bee-Bot® – Modular Road

The set of 25 road pieces includes roundabouts, left turns, right turns, and straight pieces, to create endless route possibilities for Bee-Bot® and Blue-Bot®. A set of 4 end pieces featuring colour photographs of objects adds complexity to the challenges. Robots not included.

Age: 4 + **138<sup>95</sup>** 2049690

## D Bee-Bot® – a Programmer

Children program sequences of moves, solve math equations, deliver goods, play Three Little Pigs, and more, using Bee-Bot® and Blue-Bot® robots, a double-sided 75 x 75 cm vinyl mat printed with letters and colours on one side, and shop-lined streets on the other, 30 cards (additions and subtractions, shops and objects, directions, etc.), and a comprehensive 24-page bilingual guide. Fosters the development of spatial orientation and problem-solving skills, as well as social and language skills during team work. Bee-Bot® and Blue-Bot® robots not included.

Age: 4 + **79<sup>95</sup>** 2498756

## L



## Brault & Bouthillier Playmats

Set of flexible and colourful surfaces designed to develop and optimize the learning process with Bee-Bot® or Blue-Bot®. The horizontal and vertical coordinates are the perfect opportunity for students to practice logic and spatial orientation skills.

## E Phonological Awareness

Set of two additional surfaces to practice phonological awareness skills. Using the Bee-Bot® or Blue-Bot®, the child must match a picture to a sound of vowel. 120 x 60 cm per surface. In French. **88<sup>95</sup>** 2209765

## F Face Playmat

Learn the anatomy and vocabulary of the human face. 105 x 75 cm. **48<sup>95</sup>** 2209740

## G Snakes & Ladders

Attractive, playful surface reproducing the popular Snakes & Ladders game. Ideal to practice numeracy and sequencing skills as well as spatial orientation while having fun. Die not included. 120 x 120 cm. In French. **79<sup>95</sup>** 2209757



## Bee-Bot® and Blue-Bot® Mats

The indexed grid pattern of this great, soft surface features squares matching Bee-Bot®'s or Blue-Bot®'s steps, for easier programming and navigating. A great variety of designs provides opportunities to enhance skills in numerous subjects. Easy-clean, durable vinyl. Simply roll up to store.

## H Shapes, Colours and Size

Features 1 shape per square, so each shape is 1 Bee-Bot step away from the next. Also great for numeracy activities. 60 x 60 cm. **58<sup>95</sup>** 2207884

## I Alphabet

Features 4 plain squares and 26 squares showing a large lower-case letter and a small upper-case letter, for a variety of Lacy games. 75 x 90 cm. **58<sup>95</sup>** 2207876

## J Clear Grid

75 x 120 cm **49<sup>95</sup>** 2498640

## K French Town

Explore the French Town and develop orientation skills while programming the Bee-Bot to go from a building to a store. Why not dress a shopping list? (Words on the mat are in French) 120 x 75 cm. **109<sup>95</sup>** 2128718

## L Sequence Cards for Bee-Bot and Blue-Bot

Made of laminated cardboard, this set of cards of 9 x 12 cm show the different actions that Bee-Bot® and Blue-Bot® can execute by programming. First quality with rounded corners. 50 cards.

Age: 4 + **19<sup>95</sup>** 2149573

## Dash Robot



### A Dash

Improved version! Dash is a storyteller robot that reacts to the voice and helps children explore their surroundings. Fully charged and ready to play when leaving the box, he loves adventure, making music and solving challenges. Includes 1 USB cable and 2 building brick connectors, 1 Class Connect license (2 students, 12 months), improved memory and battery life. Tablet not included.

Age: 5 + **249<sup>95</sup>** 2089654

### B Dash Wonder Pack

This pack comes with the Sketch Kit, which includes a harness and markers, turning the award-winning Dash Robot into a drawing machine. It also contains a launcher, gripper building kit, pair of building brick connectors the perfect way to get the full suite of accessories! Includes a one-year, two-student licence to Class Connect.

The Class Connect platform ensures that students have an extensive supply of lessons, activities and puzzles to complete inside Blockly (the programming software), to learn important coding skills and apply them to real-world, story-based challenges.

Hardware included:

- 1 Dash Robot
- 1 sketch kit
- 1 launcher
- 1 gripper building kit
- 2 building brick connectors

For iOS 13+ devices and Chrome web browser.

**375<sup>95</sup>** 2245660

### C Sketch Kit

This accessory for Dash & Cue robots helps kids express their creativity and exercise their critical thinking and spatial reasoning skills as they draw geometric shapes, patterns, words, and more. The kit includes 1 marker harness, 6 custom dry-erase markers (red, blue, green, orange, purple, black) and 6 project cards with grids. We recommend using the kit with the Whiteboard Mat (2039626).

Age: 5 + **55<sup>95</sup>** 2035749

### D Sketch Kit – Whiteboard Mat

Once rolled out, this mat becomes an instant, durable and washable canvas. Provides a 100 x 200 cm space for large-scale drawings. Works with Dash and Cue robots, as well as the Sketch Kit.

Age: 5 + **139<sup>95</sup>** 2039626

### E Sketch Kit – Marker Refill Kit

These custom dry erase markers are used to replenish the Sketch Kit. Available in 6 classic colours (red, green, orange, blue, purple, black), these fine tip markers snap into the Sketch Kit harness for Dash or Cue robots so users can write code that draws pictures, patterns, messages, and more.

Age: 5 + **22<sup>95</sup>** 2039618

### F Dash – Launcher

Transforms your Dash robot into a projectile-launching machine. Because it's powered by Dash, children can learn how simple machines like a lever work in a fun way. Includes 3 projectiles and 6 stacking targets that can attach to LEGO®-compatible bricks to build intricate targets. Dash not included.

Age: 5 + **39<sup>95</sup>** 2089704

### G DEBUG'D – Curriculum for Dash and Dot

An inclusive coding curriculum for all students regardless of challenges -- cognitive, communication, physical and other complex learning needs -- for the Dash and Dot teaching robots.

With digital, printed and ready-to-print activities and instructional strategies, debug'd includes every student in meaningful participation through:

- explicit instruction,
- differentiated strategies,
- visual materials and
- real-world connections.

Content:

Curriculum Guide:

- 14 lessons with clear step-by-step, scaffolded instruction for teachers
- Anchor activities to build and activate background knowledge
- Ideas for differentiation beyond the lessons and materials
- Engaging culminating activities

**349<sup>95</sup>** 2245983





### A Rugged robot

The first programmable robot designed for outdoor use! With Bluetooth functionality and designed for robust challenges, Rugged Robot can be controlled via tablet or the TTS TacTile Code Reader.

Rechargeable battery and cable included.

Age: 3 + **299<sup>95</sup>** 2143287

### B Codey Rocky

Harnessing the power of mBlock software (simple block dragging and dropping programming language; advanced programmers can switch to Python; compatible with Scratch projects), Codey Rocky allows children to create dot matrix animations, design games for hand-held devices and realize AI and IoT applications. Features Bluetooth®, Wi-Fi and USB connectivity. Requires 1 lithium-polymer battery (included). Compatible with LEGO® bricks.

Age: 6 + **179<sup>95</sup>** 2039576

### C Artie 3000™ Robot

Children write the code, mastering geometry and math along the way, and Artie 3000™ draws the lines on any sheet of copy paper 21.5 x 28 cm or bigger. Easy to learn and cool to create with, Artie 3000™ also comes ready to draw with preprogrammed designs, shapes, and games. Programming can also be made with Blockly or Python. Includes WiFi-enabled drawing robot, drag and drop visual programming software, 4 coloured markers, and quick-start guide. Requires 4 AA batteries (not included). 14 x 15.5 cm.

Age: 7 + **104<sup>95</sup>** 2048650

### D Robot Artie Max

Artie Max brings code to life with colorful works of art! Great for beginners and pro-coders alike, Artie Max draws in 6 major coding languages that kids can learn and perfect to level up on 21st century STEM skills. Getting started is easy and kids can get coding within minutes by connecting their WIFI device securely and directly to Artie Max – no internet needed.

Age: 8 + **149<sup>95</sup>** 2145118

### E Edison V2.0 Robot

This ultra-sturdy, programmable robot features more built-in sensors than any robot in its class. It responds to light, sound, and TV/DVD remote controls, follows lines and avoids obstacles, communicates with other Edison robots, and connects to other Edison robots and LEGO bricks.

Quickly unlock its robotics capabilities through simple barcode programs. Progress from drag-and-drop graphical icon-based EdBlocks, to hybrid EdWare, then to Python-based EdPy. You can easily use the same Edison robot with different languages. Requires 4 AAA batteries (not included).

#### EdPack 1

Includes 1 Edison robot and 1 EdComm programming cable.  
Age: 6 + **67<sup>95</sup>** 2473635

#### EdPack 10

Includes 10 Edison robots and 10 EdComm programming cables.  
Age: 4 + **599<sup>95</sup>** 2473643

### F Edison Robot – EdCreate Kit

This construction system offers interactive engineering, design and open programming projects (EdChallenges). It is designed to work with the Edison robot (not included) to complete 5 EdBuild projects. The kit consists of 115 interlocking building blocks.

Age: 8 + **34<sup>95</sup>** 2476695

### G Thymio Robot with Cable

This small mobile robot can be defined as a pedagogical tool as well as a toy. User-friendly robot you can code using multiple programming languages (Blockly, Scratch, VPL), it aims to enable young people to discover the fascinating world of robots and technology by programming and playing with its many functions. Programs can be downloaded with a USB cable (included).

Age: 6 + **269<sup>95</sup>** 2498103

### Wireless Thymio robot

The wireless Thymio robot is an educational tool to discover the fascinating world of robots and technology. It has many features, including six pre-programmed behaviors. Has a microSD card reader to store sound, data and even a program.

Age: 6 + **349<sup>95</sup>** 2498236

### H DidaCubes – Discovery Kit

DidaCubes are programmable blocks which can be transformed into various projects using 3D paper crafts and user-friendly apps.

Age: 6 + **199<sup>95</sup>** 2039600



# Cubelets®

Cubelets are wireless cubes of about 4 cm, which connect to each other magnetically and spontaneously communicate with each other. Cubelets are directly usable and require no programming, configurations or modifications. Each Cubelet has a different function.

- *Transparent Cubelets are "Action" Cubelets, i.e. they carry out an action based on the signal they receive. Action Cubelets include the rotation Cubelet, the motor Cubelet, the speaker Cubelet and the light emitting Cubelet.*
- *Black Cubelets are "Sensors" Cubelets, such as the temperature sensor Cubelet, the distance sensor Cubelet, and the light sensor Cubelet. The Cubelets sensors create a signal that is proportional to the value they measure.*
- *Coloured Cubelets are "Think" Cubelets, which transform the signal from the sensors Cubelets by modifying the values circulating between the cubes.*
- *Cubelets Brick Adapters also let you pair with LEGO® and other brick-based constructions to bring your creations to life. Add a Bluetooth Cubelet to your construction, to create responsive, remote control robots or reprogram Cubelets to exhibit new behaviours.*

Age: 5 +

## Cubelets – Educational sets

Includes 19 Cubelets:

Brightness Cubelet (x1), Distance Cubelet (x2), Temperature Cubelet (x1), Knob Cubelet (x1), Battery Cubelet (x1), Inverse Cubelet (x1), Maximum Cubelet (x1), Minimum Cubelet (x1), Passive Cubelet (x1), Blocker Cubelet (x1), Threshold Cubelet (x1), Bar Graph Cubelet (x1), Speaker Cubelet (x1), Flashlight Cubelet (x1), Drive Cubelet (x2), Rotate Cubelet (x2)

**999<sup>95</sup>** 2149474

## Cubelets – Motivated Makers set

Includes 52 Cubelets:

Brightness Cubelet (x6), Distance Cubelet (x6), Knob Cubelet (x4), Battery Cubelet (x6), Inverse Cubelet (x6), Passive Cubelet (x6), Flashlight Cubelet (x6), Drive Cubelet (x6), Rotate Cubelet (x6)

**2,748<sup>95</sup>** 2149482

## Cubelets – Clever Constructors set

Includes 78 Cubelets:

Brightness Cubelet (x6), Distance Cubelet (x12), Knob Cubelet (x6), Battery Cubelet (x6), Inverse Cubelet (x6), Passive Cubelet (x6), Threshold Cubelet (x6), Bar Graph Cubelet (x6), Flashlight Cubelet (x6), Drive Cubelet (x12), Rotate Cubelet (x6)

**3,889<sup>95</sup>** 2149490

## Cubelets – Intrepid Inventors set

Includes 156 Cubelets:

Brightness Cubelet (x12), Distance Cubelet (x12), Knob Cubelet (x12), Temperature Cubelet (x6), Battery Cubelet (x12), Blocker Cubelet (x12), Inverse Cubelet (x12), Passive Cubelet (x12), Maximum Cubelet (x6), Minimum Cubelet (x6)

**7,648<sup>95</sup>** 2149508



## A Special needs DEBUG'D Cubelets set

Thoughtfully curated to include Cubelets that would support ALL learners, this set includes the Cubelets required to provide up to 8 learners with meaningful, accessible and fun coding experiences!

Inside our sturdy, green multi-purpose storage tub with protective foam inserts, you'll find 2 custom sets of Cubelets (28 in total):

2 Cubelet Battery, 2 Cubelet Speaker, 2 Cubelet Flashlight, 2 Cubelet Rotate, 2 Cubelet Bar Graph, 4 Cubelet Drive, 2 Cubelet Brightness, 2 Cubelet Knob, 4 Cubelet Distance, 2 Cubelet Blocker, 2 Cubelet Passive, 2 Cubelet Inverse, 8 Brick Adapters (4 "studs" and 4 "sockets")

**1,126<sup>95</sup>** 2146462

## B DEBUG'D – Curriculum for Cubelets

An inclusive coding curriculum for all students regardless of challenges -- cognitive, communication, physical and other complex learning needs -- for the Cubetto teaching robot.

With digital, printed and ready-to-print activities and instructional strategies, debug'd includes every student in meaningful participation through:

- explicit instruction,
- differentiated strategies,
- visual materials and
- real-world connections.

Content:

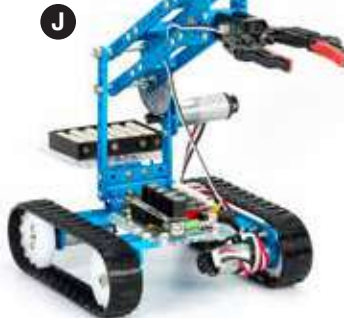
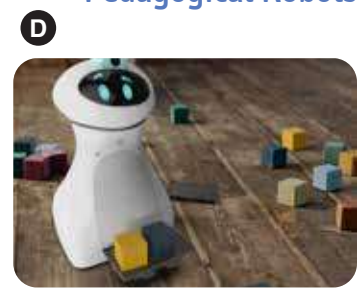
Curriculum Guide

• 9 lessons with clear step-by-step, scaffolded instruction for teachers

- Anchor activities to build and activate background knowledge
- Practice and application activities that encourage both guided learning and self-discovery
- Ideas for differentiation beyond the lessons and materials

**349<sup>95</sup>** 2245967





### Oti-Bot Robot

Oti-Bot is a 35 cm (14") tall STEAM-specific robot that offers students opportunities to practice and develop skills in computing, communication, collaboration, creativity, and critical thinking.

With Oti-Bot, teachers can adapt learning to a variety of curriculum areas by utilizing the robot's many abilities and mix-and-match tummies. Oti-Bot can follow a line, sense colors, draw shapes, show 12 different emotions, recognize touch, look up and down, livestream, take photos and videos, record audio, detect sound, and play back audio. Learners can program Oti-Bot through remote control as well as block-based coding through an app (Android and iOS compatible).

<b>A</b> Oti-Bot Robot set	<b>799<sup>95</sup></b>	2246197
<b>B</b> Oti-Bot Pusher	<b>26<sup>95</sup></b>	2246247
<b>C</b> Oti-Bot Basket	<b>26<sup>95</sup></b>	2246254
<b>D</b> Oti-Bot Forklift	<b>154<sup>95</sup></b>	2246262

### E Ozobot Evo

At 2.54 cm, the smallest programmable robot in the world teaches you coding while connecting you with friends.

Age: 8 +

#### Evo Educator Entry Kit

Includes one Ozobot Evo, 4 Color Code markers, one USB charging cable and a Bot Camps Educators guide.

**237<sup>95</sup>** 2498558

#### Classroom Kit -12

Includes 12 Ozobot Evo, 12 Color Code marker sets, Bot Camp training for Educators, a charging & storage base, a Classroom Kit bin and an Ozobot Classroom license code.

**2,798<sup>95</sup>** 2498228

#### Classroom Kit -18

Includes 18 Ozobot Evo, 18 Color Code marker sets, Bot Camp training for Educators, a charging & storage base, a classroom Kit bin and an Ozobot Classroom license code.

**3,998<sup>95</sup>** 2498541

### F Ozobot – 4-pack Markers for Evo

Washable markers are used for line following and colour coding. In 4 different colours, black, blue, green, red, specifically optimized for 1.0 and 2.0 Ozobot Evo.

Age: 6 + **9<sup>95</sup>** 2498202

### G mBot-S – Explorer Kit

This updated version of mBot contains 7 electronic modules such as an LED matrix, sensors (light, ultrasonic and line), an IR transmitter, an IR receiver, a buzzer and 2 motors. It features 3 preset control modes, MakeBlock's block-based programming, and wireless connectivity with Bluetooth®. The matrix display allows children to customize images by programming the RGB lights and use it as a board to show scores, weather forecasts or emotions. The robot is powered by a 3.7V DC lithium battery (not included) or 4 AA batteries (not included). The kit includes 1 mBot and 1 unit of LED matrix.

Age: 8 + **129<sup>95</sup>** 2039568

### H mBot 2.0 Robot

mBot 2.0 is a next-generation educational robot designed with extended capabilities, starting as an entry-level solution in lower secondary education and going all the way to upper secondary and beyond. mBot 2.0 uses a long-lasting built-in battery and Aluminum alloy Metal Materials. mBot2 is powered by CyberPi, an educational microcontroller enhanced with network capabilities, built-in sensors, and much more.

Age: 10 + **222<sup>95</sup>** 2149466

### I mBot Ranger

This friendly entry-level car robot comes alive with simple drag and drop programming blocks (MBlock, MBlockly and Arduino IDE softwares). Parts can be assembled in a few minutes (no soldering required) and RJ25 ports are colour-labelled for convenient wiring. Sturdy aluminum

chassis compatible with Makeblock platform and most Lego® bricks. Electronic parts based on the Arduino open source ecosystem, to ensure infinite extensibility. Batteries not included.

Age: 12 + **279<sup>95</sup>** 2017416

### J mBot Ultimate 2.0 10-in-1 Robot Kit

Contains over 160 robotic parts and over 80 electronic components to build 10 pre-configured robots (Robotic Arm Tank, Detecting Robot, Robotic Ant, Self-Balancing Robot, Camera Dolly, Rotating Platform for 3D Capture with your cell phone, and more) or design your own. Use Scratch, Node JS, Python or Arduino to program the MegaPi control block. With the Bluetooth functionality, you can program and communicate with robots using the MakeBlock HD app. With assembly guides 3.0.

Age: 15 + **624<sup>95</sup>** 2017424

### K CyberPi Go Kit

CyberPi is a programmable microcomputer that's designed for teaching and learning IoT and Python. It's small, but features a full-colour display, multiple input devices, an independently-developed CyberOS system, much larger storage and an assortment of modules and sensors. Working with mBlock, CyberPi brings Python to classrooms and allows users to teach and learn IoT easily, from the very beginning to advanced. The CyberPi Go kit is the portable kit of CyberPi. It includes the Pocket Shield, and with its battery, CyberPi is able to work without the need of a cable.

It comes with a rechargeable high-performance lithium-ion battery (800mAh), 2 DC motor ports and 2 servo ports. The servo ports could connect to LED strips, Arduino digital and analog sensors.

Age: 10 + **97<sup>95</sup>** 2143170

## iRobot Solutions



### A Robot Root® Lite

The Root® Lite coding robot combines fun and hours of coding activities at your fingertips, no matter the user's experience with coding or robotics. With over 20 reactive sensors and features, this smart robot appeals to young learners. Powered by iRobot® Coding, the Root® Lite robot harnesses the versatility of auto-level conversion to translate code between 3 Learning Levels and advance alongside you, no matter your skill-level. Rechargeable battery. Stickers, fold-out whiteboard, dry erase marker and microfiber cloth included.

Age: 5 +

#### Root® Lite

**189<sup>95</sup>** 2499531

#### Root® Lite Classpack of 6

**1,079<sup>95</sup>** 2245413

### B Root® Pro

Programmable robot using a tablet to draw on a dry erase board, horizontally or vertically. Lifts and lowers any pencil, erases dry wiped magnetic boards, moves away from objects using front sensors, is sensitive to touch, perceives colors to follow the lines drawn, lights and flashes in colors and plays music composed by the child. Application offering problem solving activities and allowing to code in 3 programming languages including Python, a text language.

Age: 5 +

#### Root® Pro Coding Robot

Includes 1 Root® Pro robot, (1) 122 x 122 cm activity mat, 1 USB charging cable, vinyl stickers, and 2 dry-erase markers. Board not included.

**337<sup>95</sup>** 2498749

#### Set of 12 units

Includes 12 complete Root® robots, as well as a 1-year access to Root Academy School for up to 100 iOS devices.

**3,548<sup>95</sup>** 2498764

### Adventure Packs for Root® Pro and Lite

Compatible with all iRobot® Root® Coding Robots, these packs are the intersection of coding, discovery, and play. Includes:

- 1 Foldable, Double-sided 128 x 64cm Whiteboard Activity Mat
- 1 Virtual Activity Mat for Use in the iRobot® Coding App
- Digital Access to Themed STEM Activities
- 1 Set of Vinyl Cling Decals

Age: 6 +

#### C Coding with soccer

**64<sup>95</sup>** 2149086

#### D Coding at sea

**64<sup>95</sup>** 2149078

#### E Coding in a Winter Wonderland

**64<sup>95</sup>** 2149532

#### F Coding in Outer Space

**64<sup>95</sup>** 2149094

### G Root® Pro and Lite – Brick Top

This accessory snaps onto the upper face of the Root robot to make it compatible with the most popular bricks. Magnetic.

**25<sup>95</sup>** 2499283

### H Root® – 64 x 64 cm Fold-Out Whiteboard Grid

Perfect to create coding challenges or drawing artwork on smooth surfaces like tables and floors. Uses any dry-erase marker and erases with a cloth or damp paper towel. Once unfolded, the 64 x 64 cm board features (16) 16 x 16 cm squares. Folds up for storage. Root® Coding Robot, markers and cloth not included.

**22<sup>95</sup>** 2498772

### I Robot Create 3 for Advanced Programmers

High-schoolers will tackle robotics projects with an affordable, trusted robot development platform that features a buildable design to mount additional hardware. From the fundamentals of robotics, computer science, and engineering, young programmers use the Create® 3 to perform simple behaviours, sounds, and movements to quickly get into advanced applications including multi-robot exploration, navigation and mapping technology, and telepresence capabilities. Additional hardware not included.

The Create® 3 provides a full suite of modules, sensors, LED lights, and wheels to fuel robotics exploration. Students will learn with ROS 2, an industry- standard software for roboticists worldwide. Or leverage the iRobot Coding App and the iRobot Education SDK for Python 3 for increased access to robotics education and research.

Students will program, connect to, and control the Create® 3 Educational Robot right out of the box with an easy onboarding process. It is easy to communicate with the robot using Wi-Fi, Ethernet over USB Host, or Bluetooth® Low Energy technology.

Programmers will affordably develop scalable robotics projects with the Create® 3 Robot's combination of intelligent sensors and actuators. The robot comes with a Home Base® charging station for docked charging.

Finally, the iRobot Education learning library will offer tutorials and sample projects.

Age: 12 +

**429<sup>95</sup>** 2149607





**A Programmable Drone Tello EDU**

Tello EDU is a programmable drone perfect for education or home use. You can easily learn programming languages such as Scratch, Python, and Swift. Write code to command multiple Tello EDUs to fly in a swarm, and develop amazing artificial intelligence functions. We recommend using the Tello EDU app for is suggested to use programming features. A fully charged battery will allow 13 minutes of flying autonomy.

The set includes:

- 1 Tello EDU drone
- 4 propellers
- 4 propeller guards
- 1 rechargeable battery
- 1 USB charging cable
- 1 propeller adjustment tool
- 4 mission pads

Age: 10 +

**172<sup>95</sup>** 2483105

**B Drone Tello Talent**

As an educational drone developed by DJI Education, Tello Talent (TT) is committed to lowering the threshold for robot and AI learning, and cultivating students' curiosity and self-confidence during their first contact with science and technology education. To meet this goal, TT embraces open source and has been upgraded on the basis of Tello EDU to facilitate multi-drone control and AI applications through excellent software and hardware scalability.

Age: 10 +

**319<sup>95</sup>** 2483220

**Rechargeable battery for Tello EDU drone**

Provides 13 minutes of flying autonomy to the Tello EDU drone when fully charged. Not illustrated.

**24<sup>95</sup>** 2483113

**3-battery Charger for Tello EDU drone**

Charges up to 3 batteries compatible with Tello EDU drone. Not illustrated.

**24<sup>95</sup>** 2483121

**C RoboMaster EP Core Robot**

The RoboMaster EP Core was designed to take learning to the next level. This advanced educational robot provides an all-in-one solution for STEM-based classrooms everywhere, offering AI and programming projects for students of all ages and experience levels. It is an unrivaled educational tool with powerful mechanical accessories and unlimited expandability options. Made of steel and finished with a sleek, futuristic design, the RoboMaster EP Core is fully equipped with cutting-edge technologies that provide consistent support for classroom learning. Programmable with Scratch and Python.

Age: 14 +

**1,199<sup>95</sup>** 2483204

Rechargeable battery. Not illustrated. **84<sup>95</sup>** 2483188

Charger and Cable for Robomaster. Not illustrated. **32<sup>95</sup>** 2483261



LEGO® Education Spike™ Essential

# Lessons for everyone!

*Hint from B<sup>2</sup>*

LEGO® Education SPIKE™ Essential is the successor to WeDo 2.0 and it offers a complete coding solution at the elementary level in schools.

The most versatile set for multidisciplinary STEAM teaching makes it possible to introduce students to pedagogical robotics. It is aimed at classes from 1st to 5th year of primary school with activities in mathematics, literature and social development related to the training program.

The set includes LEGO® building elements and mini figures that students can identify with, as well as activities that allow them to work on problem solving in a fun way. It offers two levels of programming, image blocks and word blocks in the Scratch style.

**A**



**A LEGO® Education SPIKE™ Essential – Core Set**

Age: 6+ Regular price: **432<sup>95</sup>** 2499473

Promotion until Dec. 31, 2023 **399<sup>95</sup>**

**LEGO** education





Find this icon  
on [bb.ca](http://bb.ca)  
to get more  
information on  
LEGO® Education  
products.



A



B



C



D



E



*Hint from B<sup>2</sup>*

The 2482511 & 2482529 accessories are compatible  
with LEGO® Education SPIKE™ Essential and Prime.

F



G



#### A Technological Vocabulary Poster – LEGO® EDUCATION Spike™ Essential

Bilingual. Double-sided. Format: 45 x 62 cm. Quality paper.  
Age: 6+ **14<sup>95</sup>** 2149540

#### B LEGO® Spike™ LED 3x3 Matrix

A rainbow of colours can be added to SPIKE™ models with this LEGO® Technic™ 3x3 Colour Light Matrix. For use with LEGO® Spike™ Essential & Prime Technic Hubs, each of the 9 pixels can be coded to display 10 different colours and 10 brightness levels for endless creative possibilities.  
Age: 6+ **56<sup>95</sup>** 2482511

#### C LEGO® Spike™ Angular Motor

LEGO® builds come to life with the LEGO® Spike™ Small Angular Motor, featuring a compact design profile and an integrated rotation sensor with absolute positioning and precise accuracy.

- Ideal for low-load applications.
- Absolute positioning and integrated rotation sensor.
- Magnet feedback control for precise accuracy.
- Zero-point markings for simple calibration.
- Simple form factor for quick building and rebuilding.

Age: 6+ **56<sup>95</sup>** 2482529

#### D LEGO® Education Spike Essential – Programmable Hub

Age: 6+ **295<sup>95</sup>** 2499481

#### E LEGO® Education SPIKE™ Essential – Rechargeable Battery

Age: 6+ **93<sup>95</sup>** 2499499

#### F LEGO® Education SPIKE™ Essential – Replacement parts #1 for Spike Essential

Age: 6+ **4<sup>75</sup>** 2499515

#### G LEGO® Education SPIKE™ Essential – Replacement parts #2 for Spike Essential

Age: 6+ **4<sup>85</sup>** 2499523

# LEGO® Education SPIKE™ Prime



To innovate and solve problems with confidence

## LEGO® Education SPIKE™ Prime – Playful Robotics

This go-to STEAM learning tool, is the reference for coding in school, designed for students in grades 5-11.

Combining colourful LEGO® building elements, easy-to-use hardware, and an intuitive drag-and-drop coding language based on Scratch, SPIKE™ Prime, with its endless creative design possibilities, continuously engages students through playful learning activities to think critically and to solve complex problems, based on real-life situations, regardless of their learning level. The four learning units focus on engineering, computer science, technology and competitions.

SPIKE™ Prime comes with 45-minute lessons that can easily be integrated into curricula, from building the models to coding and bringing creations to life, and offers online lesson plans and in-app how-to guides. Age: 11 +



### A SPIKE™ Prime – Core Set

LEGO® Education SPIKE™ Prime – Teach with confidence with this quintessential MATIS learning reference tool. Includes 3 motors (1 large and 2 medium), 3 sensors (distance, force, colour), 1 programmable hub featuring a 5x5 LED light matrix, 6 input/output ports, an integrated 6-axis gyro sensor, a speaker, Bluetooth connectivity, a 32 MB memory to store up to 20 programs and a rechargeable battery, 2 minifigures, and 528 LEGO® Technic™ and System elements in a fresh colour palette. In a sturdy storage box with sorting trays. For 2 students.

Age: 10 +

Regular price: **557<sup>95</sup>** 2498376  
Promotion until Dec. 31, 2023 **509<sup>95</sup>**

**LEGO** education

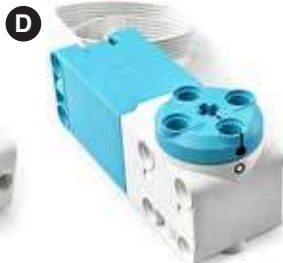
### B LEGO® Education SPIKE™ Prime – Expansion Set

This set will inspire the 6th to 8th grade students to explore more advanced creations and continue to nurture their interest in STEAM learning with the LEGO® Education SPIKE™ Prime Expansion Set. With over 600 LEGO elements, including 1 extra large motor and 1 color sensor, added to the very useful Maker plate that allow to use of single board computing devices, it also combines with the SPIKE Prime Set and free SPIKE App to launch students and teachers into the exciting world of robotics competitions.

Age: 10 +

**187<sup>95</sup>** 2499382





#### A SPIKE™ Prime – Large Hub LEGO®

The advanced yet simple-to-use brick-shaped device features 6 input/output ports for connecting a variety of sensors and motors, a customizable 5x5 light matrix, Bluetooth connectivity, a speaker, a 6-axis gyro sensor, a rechargeable lithium-ion battery and a micro USB port for connectivity with compatible computers and tablets. The Large Hub can also be built together with LEGO Technic™ and System elements to create fun robots, dynamic devices and other interactive models.

Age: 10 + **418<sup>95</sup>** 2498392

#### B SPIKE™ Prime – LEGO® Large Hub Rechargeable Battery

The specially designed rechargeable battery charges inside the Hub (not included) via micro USB connector cable. It can be removed from the hub without the use of tools. Charging time will depend on the capability of the charger used. Capacity of 2100 MAH 7.3V.

Age: 10 + **101<sup>95</sup>** 2498400

#### C SPIKE™ Prime – LEGO® Large Angular Motor

The LEGO® Technic™ Large Angular Motor is the ideal solution for high-power, high-torque applications, featuring an integrated rotation sensor and absolute positioning for true straight-line control. With tach feedback control for 1 degree accuracy, zero-point markings for a simple calibration and a simple form factor for quick building and rebuilding.

Age: 10 + **64<sup>95</sup>** 2498418

#### D SPIKE™ Prime – LEGO® Medium Angular Motor

Build high-response robots with the LEGO® Technic™ Medium Angular Motor featuring a low-profile design for smaller models where space is limited, an integrated rotation sensor with absolute positioning for true straight-line control, and a 1-degree accuracy. The motor is ideal for lower load, fast-response applications.

Age: 10 + **55<sup>95</sup>** 2498426

#### E SPIKE™ Prime – LEGO® Colour Sensor

The LEGO® Technic™ Colour Sensor distinguishes between 8 colours and measures reflected and ambient light from darkness to bright sunlight. It features a high accuracy 1 Khz acquisition rate for consistent, accurate data and repeatable results, and a compact, simple design for fast construction and conversion.

Age: 10 + **39<sup>95</sup>** 2498434

#### F SPIKE™ Prime – LEGO® Force Sensor

The LEGO® Technic™ Force Sensor measures pressures of up to 10 Newtons (~1 kg) for accurate, repeatable results. The sensor can also be used as a touch sensor when pressed, released or bumped. Its simple form factor is ideal for quick building and rebuilding.

Age: 10 + **39<sup>95</sup>** 2498442

#### G SPIKE™ Prime – LEGO® Distance Sensor

Deliver high-accuracy results with the LEGO® Technic™ Distance Sensor, featuring 4-200 cm range, +/- 1 cm accuracy, programmable LED 'eyes' which add life to any build, and an integrated 6-pin adaptor for third-party sensors, boards and DIY hardware. Its simple form factor speeds up building and rebuilding.

Age: 10 + **64<sup>95</sup>** 2498459

#### H SPIKE™ Prime – LEGO® Micro USB Connector Cable

The LEGO® Technic™ micro USB connector cable connects compatible computers and tablets with the Technic™ Large Hub (not included) for tasks such as transferring data and performing firmware updates. The connector cable also doubles as a charging cable for the Large Hub.

Age: 10 + **15<sup>95</sup>** 2498467

#### I SPIKE™ Prime – LEGO® Replacement Pack

The 108-piece set features the innovative integrator brick, which allows for building together with both the LEGO® Technic™ and the LEGO® System platforms, further expanding systematic creativity and the building possibilities. In a fresh colour palette, for added visual fun.

Age: 10 + **7<sup>95</sup>** 2498475

#### J Vocabulary Poster for SPIKE Prime bilingual

To know the name of every LEGO elements, their colour and their quantity in a SPIKE Prime set, this poster will help students to communicate better using technological vocabulary. Bilingual French-English double-sided poster 45 cm x 61 cm.

**19<sup>95</sup>** 2499366

## Complementary Products for Robotics



### Storage Carts

Space-saving carts are ideal to store manipulatives, arts & craft supplies, bricks and blocks. Sturdy metal frame with laminate top, on 4 wheels (2 with brakes) for convenient mobility. Bins safely rest on easy glide runners with stoppers, to prevent bins from falling out. Bins not included (see 2017176 & 2017184). Make your own combinations, depending on your needs. Compatible with Lego robotic bins and other building set bins.

#### A Single

43.5 x 50 x 95 cm high. Designed for 4 large bins 42.5 x 31 x 15 cm high, or any other combination of small and large bins, not included. **119<sup>95</sup>** 2017143

#### B Double

78 x 50 x 95 cm high. Designed for 8 large bins 42.5 x 31 x 15 cm high, or any other combination of small and large bins, not included. **195<sup>95</sup>** 2017135

### C ZAP Spike Prime Mat

The programming activity zone is specially made to take advantage of the SPIKE Prime set from LEGO Education. Follow the line, finding the way, check the colours and work with angles, are only a few of the challenges that can be done with this mat. A downloadable document gives ideas for challenges. 120 cm x 120 cm.

Age: 10 + **69<sup>95</sup>** 2499358

### D Sumo Playing Field Robotics Challenge Mat

Playing field of 122 x 122 cm for your robotized Sumo-like combats. Vinyl made. Challenges available online.

Age: 10 + **109<sup>95</sup>** 2495323

### E Block Play Table with 12 Storage Bins

High quality birch plywood table, with safe rounded corners and an upper ledge to keep bricks and blocks on the play surface. Features a large storage capacity with 3 spacious green plastic bins on each side, for a total of 12 bins. On casters, for easier mobility. Can easily accommodate 4 children. 80 x 80 x 58,5 cm high. Ideal for Bee-Bot® and Blue-Bot® play mats of 75 x 75 cm. Assembly required.

Age: 2 + **496<sup>95</sup>** 2148443

### F LEGO® World Robot Olympiad Brick Set

724-pieces LEGO® World Robot Olympiad brick set, intended for use in WRO.

Age: 10 + **45<sup>95</sup>** 2497485

### G LEGO Expansion set for the World Robot Olympiad

This set contains 568 LEGO elements useful for the World Robot Olympiad's (WRO) participants.

Age: 10 + **33<sup>95</sup>** 2243533





### Hint from B<sup>2</sup>

#### LEGO® Education

proudly presents this new hybrid learning concept that includes an experimentation set for the classroom and an individual set for remote education. BricQ Motion Prime shows force and movement concepts through the very interesting topic of sports. Solutions are available for Elementary classes Grades 1 to 4 and Upper Elementary and Secondary classes.

#### LEGO® Education BricQ Motion

LEGO® Education BricQ Motion engages students in grades 1-4 in STEAM learning as they experiment with forces, motion, and interactions in the context of sports. LEGO® Education BricQ Motion helps foster an understanding of physical science by providing easy, hands-on learning experiences without the need for a tablet or a computer. Students will experience cool "aha" moments as they set bricks in motion.

##### A ESSENTIAL Primary Set

2 learning units: Train to win and Winning with science (7 activities covering 6-8 hours lesson plans each and teaching resource). 523 LEGO® System elements in a convenient storage box with sorting tray also include some replacement elements and 2 printed building instructions.

2 students per set.

Ages: 6 to 10 **191<sup>95</sup>** 2499176

##### B LEGO Personal Learning Kit ESSENTIAL

Designed to work together with the Spike Essential and BricQ Motion Essential sets, this supplementary STEAM learning experience comes with additional teaching resources and student worksheets that deepen the student's understanding of what they've learned in class for a true hybrid-learning experience.

102 elements. **15<sup>95</sup>** 2245546

##### C PRIME Secondary Set

1 learning unit: Science for sports (7 activities covering 6-8 hours lesson plans and teaching resource). 562 LEGO® System elements in a convenient storage box with sorting tray also include some replacement elements and 2 printed building instructions. For 2 students.

Age: 10 + **191<sup>95</sup>** 2499192

##### D LEGO Personal Learning Kit PRIME

Designed to work together with the Spike Prime and BricQ Motion Prime sets, this supplementary STEAM learning experience comes with additional teaching resources and student worksheets that deepen the student's understanding of what they've learned in class for a true hybrid-learning experience.

110 elements. **15<sup>95</sup>** 2245553



B



C



D



## Simple Machines



### My Gears Sets®

My Gears® links science, engineering, mathematics and art. It will stimulate children's imagination and creative thinking skills.

Essential & valuable educational tool for all kindergarten, school daycare and home activities. Children create endless games and fun activities playing with My Gears®.

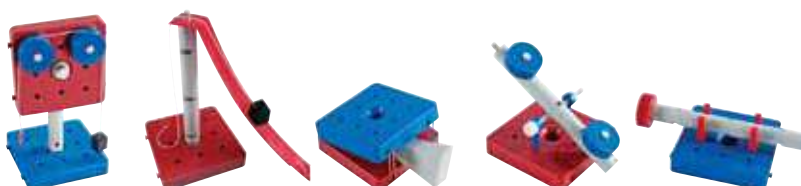
Age: 5 +

<b>A My Gears Sets® Junior Set</b>	<b>36<sup>95</sup></b>	2245991
117 Pcs		
<b>B My Gears Sets® Starter Set</b>	<b>24<sup>95</sup></b>	2246148
47 Pcs		
<b>C My Gears Sets® Transport set</b>	<b>36<sup>95</sup></b>	2246155
118 Pcs		
<b>D My Gears Sets® Animal set</b>	<b>36<sup>95</sup></b>	2246163
122 Pcs		
<b>E My Gears Sets® Machine set</b>	<b>44<sup>95</sup></b>	2246189
181 Pcs		

### F Simple Machines Set

Construct and explain 5 simple machines to explore effort, force, load, motion and distance. 63-piece set allows students to simultaneously build a lever, pulley, inclined plane, wheel and axle, and wedge, then modify the machines with 4 weights (two 5 g and two 10 g) and 8 rubber bands, all included. Labelled pieces assemble easily and separate to store. With an illustrated activity guide.

**83<sup>95</sup>** 2331932







### A Electricity introduction kit

Complete set of elementary electric components for the classroom. Economical without sacrificing quality. Consists of 15 bulb holders, 15 battery holders, 15 switches, 15 'D' cell batteries, 15 mini-bulbs, 2 motors, 10 wire connectors, 2 buzzers and 1 Teacher's Guide. Comes in a practical caddy.

219<sup>95</sup> 2339000

### B Electrokit 198

No tools or small parts! Alone or in a small group, students easily and safely snap together sturdy, colourful parts with pre-installed mechanisms, to build battery-operated engines, loudspeakers, switches, lightbulb holders, and more. Electronic set includes a fun and detailed assembly guide featuring more than 80 experiments. Batteries not-included.

Age: 8+ 75<sup>95</sup> 2331999

### C Stick to Science Circuits

These 78 dry-erase magnetic tiles have everything you need to teach common electrical circuit symbols, sort the components of a circuit, and construct full circuit diagrams (series and parallel). Set includes a teacher's guide with activities.

Age: 12+ 25<sup>95</sup> 2016186

### D Alligator clips

Wire with alligator clips at both ends. Pack of 10.

7<sup>50</sup> 2332799

### E Miniature Lamps

For low voltage experiments. Packs of 10.

1.5 V 5<sup>95</sup> 2339190  
2.5 V 5<sup>95</sup> 2332773

### Procell Constant Alkaline Batteries

Multi-purpose Procell batteries (manufactured by Duracell) offer industrial quality and performance at a competitive price.

Age: 4 +

F	AAA – Pack of 24	16 <sup>95</sup>	2240901
G	9V – Pack of 12	29 <sup>95</sup>	2240919
H	AA – Pack of 24	16 <sup>95</sup>	2240893
I	D – Pack of 12	19 <sup>95</sup>	2240877
J	C – Pack of 12	19 <sup>95</sup>	2240885
K	CR2016 – Pack of 5	7 <sup>95</sup>	2240927
L	CR2025 – Pack of 5	7 <sup>95</sup>	2240935
M	CR2032 – Pack of 5	7 <sup>95</sup>	2240943

### Makey Makey

Simply hook up the clever Makey Makey circuit board to a computer to transform an apple or coin into a musical instrument or any other application using a keyboard. Load up a game, draw a joy stick, connect Makey Makey to the drawing using modelling dough (not included) and play, or use Scratch to create your own games. Works right out of the box with Mac, Windows and Linux.

Age: 8 +

### N Makey Makey Classic

Includes 1 Makey Makey, (1) 1.5 m USB cable, 7 alligator clips, 6 connector wires, the instructions and more. 74<sup>95</sup> 2338622

### O STEAM Pack Classroom Invention Literacy Kit

Includes 12 Makey Makey Classics (each with its own box, USB cable, 7 alligator clips, and how-to booklet), (12) 1.8 m alligator clips, (12) 1.8 m connector wires, 63 extra alligator clips, 144 new and improved connector wires, and 12 Makey Makey-optimized conductive 6B pencils, in an organized briefcase. 999<sup>95</sup> 2048981

## Makerspace



*Hint from B<sup>2</sup>*

Project developed with the Montreal Planetarium

### Wally – Coding kit

Wally and the Great Storm is a fun and engaging learning package where young people learn the basics of programming through activities that take place in both the digital and physical worlds. Through an animated narrative thread, participants follow Wally on his quest on the coast of the North. They help him solve challenges by programming a micro:bit nanocomputer to communicate with their friends in Morse code. They will also learn about the environment and the history of telecommunications. An interactive educational journey for young people aged 7 and up, enhanced by history, geography and biodiversity.

The Wally workshop kit contains:

- 1 micro:bit microcontroller in its enclosure
- 1 set of alligator clips
- 1 battery pack (batteries included)
- 1 USB cable (USB-A to Micro-USB)
- 1 piezoelectric speaker
- 1 user code
- PDF of a foldable Wally 3D to download

The Wally Classpack kit contains 5 Wally Kit

Age: 7 +

**A** Workshop Kit

**B** Classpack

**174<sup>95</sup>**

2149805

**549<sup>95</sup>**

2149813

### Creative Technology kit on Astronomy ROSY

The students follow Rosy in her quest to warn Earth that an alien signal has been detected in space by performing challenges with the micro:bit nanocomputer (not included), while learning about space observation, waves, solar panels, light and space communication. Specifications:

- Age: Secondary Cycle 2 and 3 (13 years + with supervision, 15 years + in autonomy)
- Duration: 3 sections of +-45 minutes
- Recommended in groups of 3 students for certain technological challenges

#### C Rosy institutional version (x1)

Rosy institutional version (x1)

- 1 Rosy PCB
- 1 solar panel
- 1 infrared sensor
- 2 male/female connecting wires
- 1 AAA battery holder (batteries not included)
- 1 USB cable (USB-A to Micro-USB)
- 1 user code for the virtual learning platform
- 1 sturdy plastic box with foam interior
- guide to connect to the online platform

Not included:

- 1 x micro:bit controller
- 2 x AAA batteries.

#### D Rosy school version "CSS"

The Rosy school kit contains 5 institutional kits.

**179<sup>95</sup>**

2246627

**849<sup>95</sup>**

2246635





### A Bit Board Rover kit

Students can create a robotics Rover or Tank with the 207 included brick components. They use the online guides and directions or design their own bot! Parts to build both designs are included, as well as parts to build a gripper, lifter, or sweeper attachment.

The Bit Board Rover was designed for both home and classroom use. The online lessons and activities will have you programming your own projects in no time.

Micro:bit not included.

Age: 10 + **249<sup>95</sup>** 2274389

### B K8 Robot

Simple, fun robotics projects will keep students busy learning. Powered by Micro:Bit, K8 is easily shareable among students, and simple and fun to assemble. Drive K8 with two independently controlled DC motors. The robot can see and follow a line with an Ultrasonic Sensor and three Infrared Sensors. Remote control your K8 robot using Bluetooth.

Age: 10 +

Micro:Bit not included **66<sup>95</sup>** 2499317

### C Climate Action Kit – Land

Powered by the popular Micro:Bit, the Climate Action Kit is a robotic inventor's kit designed to introduce students to climate change issues in the context of their technology solutions aligned with the UN Sustainable Development Goals.

Includes: 1 breakout Board, alligator clips, DC water pump, DC motor, 1 moisture Sensor, one 360 servo motor, 1 touch sensor, 1 water tubing.

Age: 10 +

Micro:Bit not included **49<sup>95</sup>** 2499333

### D Climate Action Kit – Energy

After learning the background and context of each issue, students will design and prototype a solution using the kit components and a BBC micro:bit (not included).

The Energy Climate Action Kit features three modules: Solar Energy, Wind Energy, and Electric Vehicles. Each Climate Action Kit includes a coupon code to access the manufacturer's online learning platform filled with tons of classroom-ready resources for educators including interactive Google slide decks and curriculum connections.

Wind Energy project: Wind Turbine with RPM counter

Solar Energy project: Simulated Solar Array that can detect light

Electric Vehicles project: Autonomous Robotic Car that can avoid obstacles

See bb.ca for complete inclusions.

Age: 10 +

**49<sup>95</sup>** 2274371

### Micro:Bit Version 2.2

Pocket-sized computer that you can code, customize, and control to bring your digital ideas, games, and apps to life! Programmed with Makecode, the BBC Micro:bit for coding is a great introduction to experimental code making. What's New in version 2.2? Sense and react to sound with a built-in microphone, play sounds with a built-in speaker, program the gold Micro:bit logo to respond to your touch, run AI and Machine Learning workloads with more computing power, save power when it's not in use but still connected to the batteries.

Age: 10 +

### E Micro:Bit Go Pack

Includes:

- 1x Micro:Bit
- 1x USB cable
- 1x Battery Holder
- 2x AAA Batteries
- 1x Quick Start Guide

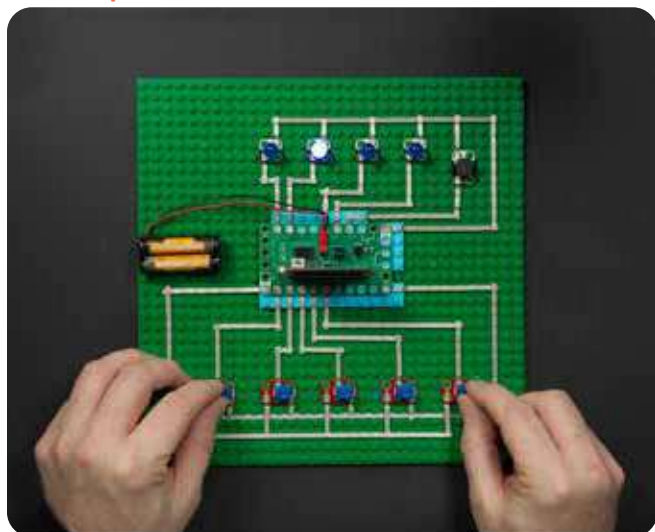
**29<sup>95</sup>** 2499291

### F Micro:Bit Club Pack

Includes:

- 10x Micro:Bit
- 10x USB cables
- 10x Battery Holders
- 20x AAA Batteries
- 10x Quick Start Guides

**298<sup>95</sup>** 2499309



## Crazy Circuits – Bit Board

Welcome to the world of programming and automation with Micro:Bit! In comparison to the Arduino platform, Micro:Bit offers a much more graphic way of working and programming with microcontrollers. The Bit Board Adapter was designed as a solution for teaching programming via Micro:Bit's graphic interface, allowing it to work with Crazy Circuits component platform. Note: kits do NOT include individual Micro:Bit board.

Age: 10 +

### Bit Board Kit

Includes:

- 2x Small Pushbuttons
- 4x 10mm LEDs (r,g,b,w)
- 4x (1x6) LEGO Pieces
- 1x Neopixel
- 1x Potentiometer
- 1x Piezo Speaker
- 1x Crazy Circuits Bit Board Microbit adapter
- 1x Roll 1/8" Maker Tape (5m)
- 1x 2AAA Battery Holder
- 1x USB Cable
- 1x Alligator Clip Bundle (5 per)
- 1x LEGO Servo+ connector piece
- 1x LEGO Base Plate
- Instruction Cards/Online Curricula

154<sup>95</sup>

2134609

### Single Bit Board Micro:Bit adaptor

42<sup>95</sup>

2132421

## Crazy Circuits – Coding Set

The Arduino-powered Robotics Board allows for the easy addition and programming of included sensors and parts without the need for a breadboard or soldering. Crazy Circuits parts are compatible with the most popular bricks on the market. Crazy Circuits parts come 100% ready to go out of the box, which means no soldering or preparation required. This kit covers topics such as circuitry, programming, logic, art, and design. These modular kits are robust sets of materials supported by online lesson plans, projects, activities, diagrams, and videos. Go to [bb.ca](http://bb.ca) for the full list of components.

Age: 10 +

154<sup>95</sup>

2149557

## Crazy Circuits – Robotics Kit

Students learn the fundamentals of Arduino programming and create robots or interactive displays using the provided servo motors. The included robotics board allows for the easy addition of any sensor without the need for a breadboard or soldering. Go to [bb.ca](http://bb.ca) for all the components in the set.

Age: 7 +

223<sup>95</sup>

2048098

## Crazy Circuits – Makerspace Set

An impressive set with over 160 parts. Students use the Touch and Robotics boards to follow one of the programming Arduino guides, or create their own code from scratch or even design wearable technology using conductive thread. Includes Crazy Circuits chips. Go to [bb.ca](http://bb.ca) for all the components in the set.

Age: 7 +

1,569<sup>95</sup>

2048031

## Nylon Conductive Tape

The mess-free tape is used on walls or windows, cardboard or fabric, or even applied to LEGO® bricks for use with Crazy Circuits. Overlapping pieces creates a solid electrical connection. Resistance of 1 ohm per 30 cm. No special tools needed.

Age: 7 +

### 6 35 mm x 20 m

Works best for paper circuits projects using plain LEDs.

15<sup>95</sup>

2048072

### 3, 17 mm x 5 m

Works best with Crazy Circuits parts.

9<sup>35</sup>

2048064

## Conductive Thread Bobbin

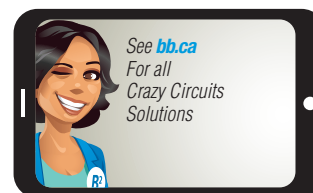
Thin, ultra-strong, machine-washable stainless steel and nylon thread is great for soft circuits and wearable projects, such as light-up bracelets, t-shirts, ties, and sock puppets. Resistance of 28 ohms

per 30 cm. 5 m.

Age: 7 +

5<sup>15</sup>

2048080







# Strawbees®



More content  
here!



Micro:Bit available on page 256.



A Strawbees set 2499424 or 2499416 is necessary.



## Strawbees STEAM set

The Strawbees building system includes versatile connectors and building straws for bringing ideas to life by rapid prototyping. Ideal for hands-on, screen-free and playful learning. The STEAM sets allow the learners to dig into important concepts like structures and forces and movements.

Age: 6 +

- |                                                                 |                         |         |
|-----------------------------------------------------------------|-------------------------|---------|
| <b>A</b> STEAM Starter kit: For individual use. 230 elements    | <b>38<sup>95</sup></b>  | 2499424 |
| <b>B</b> STEAM School kit: For up to 30 students. 4200 elements | <b>599<sup>95</sup></b> | 2499416 |

## Strawbees Robotic Invention for micro:bit

Set compatible with micro:bit and the Strawbees system for building robots. The Strawbees sets (2499424 or 2499416) must be purchased separately. This set of parts allows you to connect the Strawbees structural elements (straws and connectors) to a micro:bit board (not included). 15 parts in total, including 1 servomotor.

Age: 8 +

- |                     |                         |         |
|---------------------|-------------------------|---------|
| <b>C</b> Single set | <b>79<sup>95</sup></b>  | 2499440 |
| <b>D</b> Set of 10  | <b>649<sup>95</sup></b> | 2499432 |

## Strawbees Combo pack

- |                                                    |                           |         |
|----------------------------------------------------|---------------------------|---------|
| 1 STEAM starter kit + robotic invention single set | <b>94<sup>95</sup></b>    | 2245421 |
| 1 STEAM starter kit + robotic invention set/10     | <b>1,073<sup>95</sup></b> | 2245439 |

## E Strawbees Imagination Kit

This sets gives students the opportunity to be the creators with the Imagination Kit. They will practice storytelling and problem-solving, pick a challenge, sketch their idea, make a prototype, test, reflect, improve and repeat the process.

Includes:

- Imagination Introduction poster
  - Color-coded pieces
  - Add-on pieces such as clips, eyes, sneaker shoes and duck feet
- 100+ challenge cards  
600 elements in total.

<b>144<sup>95</sup></b>	2274546
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# ULIO 3D Brix

ULIO 3D Brix is an educational project for 10 years old and more which allows to have fun building brick by brick a fully functional 3D printer.

**Easy to assemble with step-by-step instructions.**  
**829 pieces compatible with major brands of building bricks.**  
**Several safety features included.**  
**High-quality printing.**

## Specifications:

- Approximate physical dimensions: 10" x 10" x 16" (25 x 25 x 40 cm)
- Approximate weight: 9 lbs (4 kg)
- Connection: USB
- Build volume: 3.93" x 1.97" x 1.97" (9,8 x 4,9 x 4,9 cm)
- Layer resolution: 50-300 microns
- Filament diameter: 1.75 mm
- Filament type: PLA (only)
- OS compatibility: Windows and Mac
- File type: STL, OBJ, 3mf



**A** Ulio Brix 3D Printer

**1,195<sup>95</sup>** 2241263

**B** 3DLAC Aerosol

The original and unique spray adhesive created for 3D printers. Use with PLA, ABS, flexible filaments and many more. Anti-warping spray is especially suited for large parts. Easy to use, simply spray the printing base for a much greater adhesion of the first layer, then release the part once cooled, without the use of tools. Soluble and easy to clean with water. Fragrance-free. One 400 ml can offers up to 400 sprays. Requires adult supervision.

Age : 10 +

**14<sup>95</sup>** 2097541



# The Printer 3D ULIO STEAM MK2:

## an innovative educational project!

### A 3D Printer ULIO STEAM MK2

Young budding geniuses will experiment an out-of-the-ordinary digital fabrication project that will spark their creativity, develop their digital fabrication skills, cultivate their problem-solving skills, and spark their interest in becoming one day tech creators. This user-friendly kit contains all the parts needed to print and assemble one (1) ULIO 3D STEAM printer.

**Important Notice:** This project requires access to an existing 3D printer capable of printing at least 20 x 16.5 x 20 cm (8 x 6.3 x 8 in). Adult supervision and assistance are required.

The ULIO 3D STEAM kit contains the following materials:

Set of a microcontroller with LCD display (pre-assembled, pre-wired and pre-configured)

Set of a 1.75 mm hot nozzle (pre-assembled and pre-wired)

Extruder set (pre-assembled)

Set of a magnetic printing bed

Set of pre-printed parts

Four (4) stepper motors (NEMA 17)

Three (3) limit switches

Two (2) smooth rods and one (1) threaded rod

One (1) flexible connector and four (4) ball bearings

One (1) Bowden tube

One 24 VDC power supply unit

Hardware set (bolts, nuts and screws)

An instruction manual in paper format

A sample of PLA filament

An SD card (including STL files)

Miscellaneous accessories

Specifications:

- Printing technology: FDM
- Approximate print volume: 10 x 10 x 5.5 cm (3.9 x 3.9 x 2 in)
- Approximate print resolution: 250 microns
- Approximate speed: 30 mm/s
- Approximate physical dimension: 7.5" x 7.25" x 13.5"
- Hot nozzle diameter: 0.4 mm
- Connectivity: USB
- 3rd party printing software: PrusaSlicer
- Third Party Firmware: Marlin

- Operating System Compatibility: Windows and Mac
- File type: STL, OBJ, Gcode
- Requires one roll of filament (1 kg)
- Default safety features:
  - Stainless steel hotend enclosure
  - High temperature limit switch
  - Software thermal runaway protection
- Steel plate printbed

1,149<sup>95</sup> 2246767

### Materio3D

PLA filament (Eco Series) is a plastic of organic origin, specifically created for 3D printing.

Features and specifications:

- Biosourced: made from plant starch
- Versatile: can be used with a variety of 3D printers
- Easy and safe to use
- Does not emit harmful fumes or unpleasant odours during the printing process
- Offers an excellent adhesion
- Is not prone to curl
- Does not require a chamber or heatbed
- Diameter tolerance: 0.03 mm
- On 1 kg spools; spools are transparent, to better assess the remaining quantity of filament
- Vacuum-packed with a desiccant packet, ensuring better conservation

<b>B</b> White	<b>48<sup>95</sup></b>	2090058
<b>C</b> Red	<b>48<sup>95</sup></b>	2090173
<b>D</b> Blue	<b>48<sup>95</sup></b>	2090082
<b>E</b> Pink	<b>48<sup>95</sup></b>	2090140
<b>G</b> Black	<b>48<sup>95</sup></b>	2090033
<b>H</b> Purple	<b>48<sup>95</sup></b>	2090157
<b>I</b> Yellow	<b>48<sup>95</sup></b>	2090090
<b>J</b> Grey	<b>48<sup>95</sup></b>	2090041
<b>K</b> Green	<b>48<sup>95</sup></b>	2090124
<b>L</b> Beige	<b>48<sup>95</sup></b>	2090165
<b>M</b> Orange	<b>48<sup>95</sup></b>	2090116

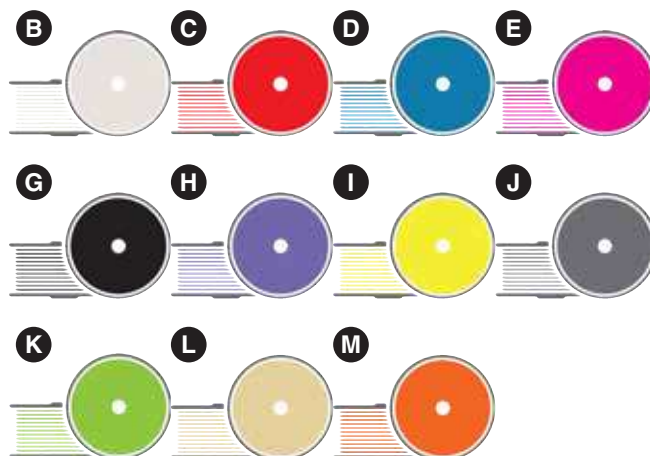


### Hint from B<sup>2</sup>

ULIO 3D is a high educational value technological project for which students of all horizons have great interest. By completing ULIO, you design your own 3D printer, which enhances any creative lab. It develops:

- Knowledge and experimentation of 3D drawing and design
- Learning how to print with a 3D printer
- Research, development and implementation of creative solutions
- Skills in assembling electronic parts and programming
- Hands-on learning

Visit [bb.ca](http://bb.ca) for all technical specifications





More content  
here!



# The HUE HD Pro Camera

Colourful, affordable technology to inspire creative teaching and learning

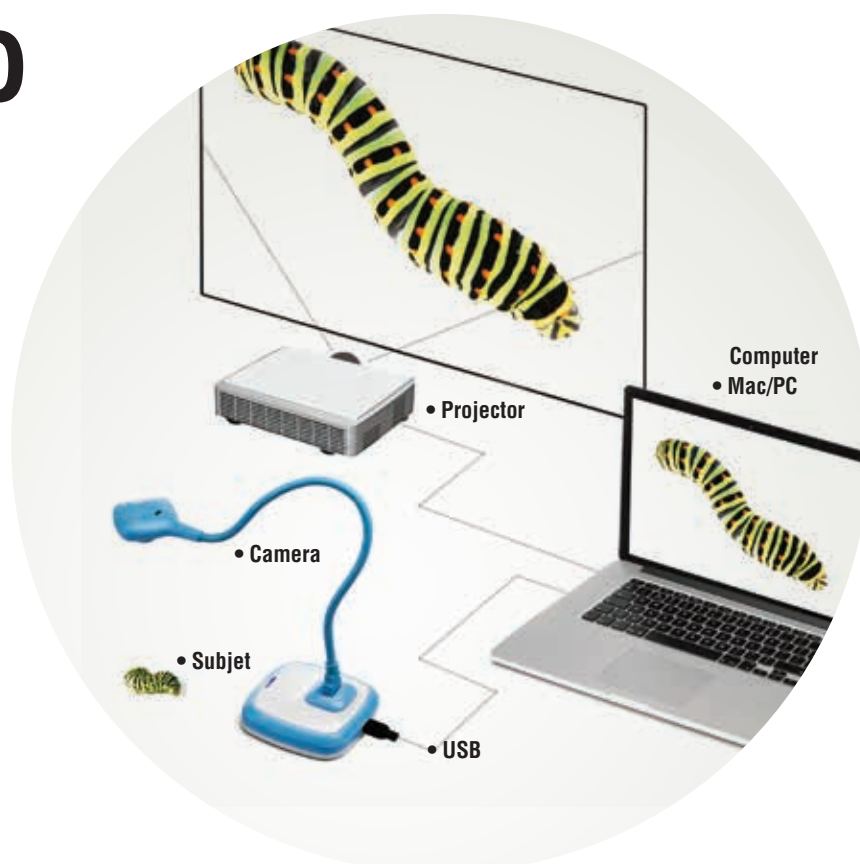
## A Document Camera HUE HD Pro

Introducing the HUE HD Pro Camera: a lightweight, portable document camera and visualizer. Full HD 1080p resolution (1920x 1080), built-in LED lights and a high-quality microphone. Compatible with apps that recognize a USB camera for Windows, macOS, Chrome OS and Linux. The HUE HD Pro is an affordable teaching resource which can be used across the curriculum, offering exceptional value for money. It has become a must-have product for teachers, who use it in many innovative ways every day to support the learning and development of their children both in class and remotely. Length: 44 cm. Assorted colors.

Age: 8 +

129<sup>95</sup>

2145068





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## Availability of stock

Unless notified otherwise, any item that is not available will be replaced by an item of equivalent quality and cost. Any order that cannot be completed due to a product being out of stock will still be shipped, and the balance of the order will be shipped as soon as the items become available. Any order with a remaining balance of less than \$20.00 could be cancelled, in which case the items will have to be ordered again.

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## Claims

The receipt of an incomplete or damaged order must be reported immediately to the delivery person, who must indicate it on your bill of lading. All claims must be submitted to our Customer Service Department with the bill of lading and the authorization number.

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