

Training

**An expertise
that makes a difference**

With the support of its team of experienced and recognized instructors from the school community, Brault & Bouthillier accompanies educational professionals to ensure optimal use of the tools at their disposal. Training and supporting teaching professionals is our calling. Brault & Bouthillier has been offering a wide range of training to educational professionals for more than 40 years.

Different options are available. Whether for virtual training, in-school training or improvement workshops in our training rooms, our goal is always the same, to share our expertise with educators.

Arts

To discover new techniques to integrate in class with a group of students. The training sessions offer their participants a space of freedom allowing for exploration, discovery and exchange. Each training session allows for experimentation with a few different techniques. Content and techniques are adapted to the specific needs of the clientele.

→ Several themes
and levels offered

Creative Leisure

Themed activities and projects addressing the year's important holidays. Focused on practical and concrete manipulation, they allow participants to carry out a project following the explanations of the trainer. This approach promotes a good understanding and mastery of the techniques and products presented. The concepts acquired through practice can then easily be reinvested with a group of children.

→ Several themes and
levels offered

Educational Robotics

Discover educational applications in science and technology that are both innovative and accessible in your classroom. We offer learning approaches in the fields of science, technology, engineering and mathematics (STEM) in addition to developing problem solving skills in a motivating environment. Brault & Bouthillier's unparalleled expertise will enable teachers to master tools, coding and programming.

→ Several formulas and
levels offered

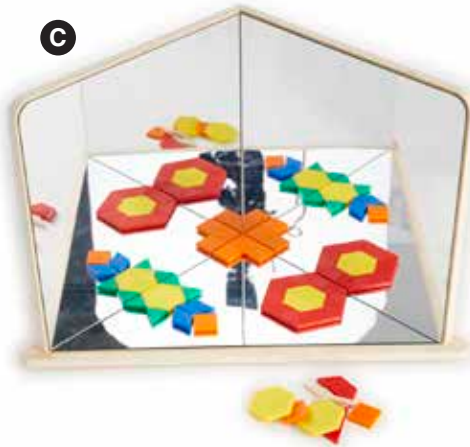


For more information on training,
contact your representative
or visit our *Toolbox*.
Search for this icon on bb.ca

For more
information
↓



Brault & Bouthillier
is a training organisation
accredited by the
*Commission des partenaires
du marché du travail*
under the Act promoting
workforce skills development
and recognition.



A Colomat – Giant Math Manipulative Translucent Kit

Includes more than 950 translucent elements. Use the assorted and appealing translucent pieces alone or on a light table, for numerous sorting, colour and shape, counting, expressive language and dexterity activities. Includes 6 sorting bowls with 6 tweezers, 9 numbers 5 cm tall, 250 stackable counters in 6 colours, 120 bugs in 4 types and 6 colours, 300 small links in 6 colours, 180 gems in 6 colours, 96 bears in 4 sizes and 6 colours and 6 transparent sorting mats. Each group of pieces comes in its own storage container and everything stores in a large tub. 12 activity cards and a teacher's guide.

119⁹⁵ 2147213

B Illumination Light Tables

Super bright LED technology allows the light boxes to shine brighter, without glare, and run cooler. LED lamps provide a perfectly evenly illuminated surface, with adjustable brightness. Resistant, very thin and light, easy to carry. Ideal for manipulation of 2D and 3D translucent and coloured elements, or even finger paint on acetate! Includes a 110V-240V adaptor. Also see our Light Cube (2339646).

Small size

28 x 36 cm. Not shown **126⁹⁵** 2089357

Medium size

35 x 48 cm **199⁹⁵** 2073617

Large size

50 x 68 cm **299⁹⁵** 2073625

C 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.

79⁹⁵ 2146330

D 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.

Age: 5 +

34⁹⁵ 2147528

Sorting Material



A Little Market

First path and buying game to work with numbers, and learn to manage money, make change and subtract discounts. Includes 1 game board, 4 shopping lists, 32 money tokens, the rules and more. 2 to 4 players.

Age: 5+ **24⁹⁵** 2139673

B 1 to 10 Puzzle

Wooden puzzle to learn to recognize numbers, count the animals hidden under the numbers and count butterflies. Colour and patterned elements on a natural background, bordered with animals and counting fingers. 20 pieces. 30 x 30 x 1 cm.

23⁹⁵ 2142586

C 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.

Age: 4+ **36⁹⁵** 2147239

D 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.

Age: 3+ **32⁹⁵** 2147247

E Balancing Game – Weights

Children use 16 blocks of different sizes and colours to reproduce the layouts seen on 8 model cards, without tipping the wooden magnetic scale. Develops dexterity, concentration and problem-solving skills.

Age: 3+ **44⁹⁵** 2147270

F 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 9 cm transparent spinner, in 2 storage jars.

29⁹⁵ 2147510

G 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.

35⁹⁵ 2147908

SEQUENCE™

Sequence™ is a personalized time and task tool for students. Set a time duration, press Play and 32 blue LEDs gradually light up to indicate the progress of the sequence. The lights flash when the time is up.

Sequence™ helps students stay on task in class and at home during homework, test prep and exams, group work, etc. It promotes autoregulation and autonomy by displaying the information. It eases transitions and offers a structure with a direction while staying flexible to adjustments. Contrary to the time elapsing, the time moving forward allows students to address the task at hand, here and now.

Sequence™ is attached to a printout plan (placed on the right, the left or in front of the timer, depending if the user is right- or left-handed) created and managed by the Oplan™ Web App.

The app:

- Allows the user to add several tasks to a plan and assign a time duration for each task.
- Features a reading mode to follow step by step the contents of the plan.
- Provides students and teachers with the same capabilities as Sequence™, but when using a portable device.
- Offers and stores 3 free plans.

To have access to more plans or acquire a family, school or higher education licence (payable), please go to www.oplan.ca



More content here!



A Sequence™ Timer

Personalized time and task management tool for students, used alone or with the Oplan app.

Age: 6 +

84⁹⁵

2147577

B 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 +

24⁹⁵

2147221

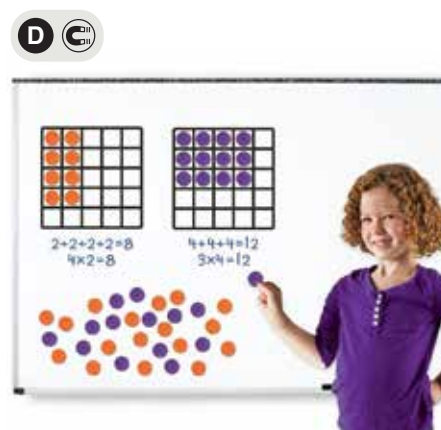


C Multiple Representation Dice

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.

36⁹⁵

2147254



D 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.

26⁹⁵

2147262



KUBO

The screen-free, scalable coding solution for K-5

Plus de contenu ici !


KUBO PLAY
A digital solution is also available. Ask your B&B representative!





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 + **279⁹⁵** 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 for detailed content.

Age: 4 + **69⁹⁵** 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 for detailed content.

Age: 4 + **69⁹⁵** 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 for detailed content.

Age: 4 + **69⁹⁵** 2146884

E Multi Charger 5-port USB

Multi charger 5-port USB + Power cord good for any device.

Age: 4 + **44⁹⁵** 2146892

F KUBO – Replacement and Complementary Parts

These parts are available to replace or add to your KUBO coding set.

USB Cable

Age: 4 + **4⁹⁵** 2146967

Visit bb.ca for all KUBO spare parts and accessories.



A 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 + **139⁹⁵** 2207694

B 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 + **349⁹⁵** 2208031

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 + **899⁹⁵** 2209963

C 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 + **37⁹⁵** 2049674

D 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 + **37⁹⁵** 2049682

E 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 + **99⁹⁵** 2049690

F Bee-Bot® – 6 Robots Bundle

Includes 6 rechargeable Bee-Bots 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 + **789⁹⁵** 2207702

G Rechargeable Battery for Bee-Bot®/Blue-Bot®

Replacement rechargeable battery for either the Bee-Bot® or Blue-Bot® robots.

Age: 4 + **14⁹⁵** 2148260

H Bee-come 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 + **79⁹⁵** 2498756

I 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 + **184⁹⁵** 2209948

J 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 + **929⁹⁵** 2234771

K 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 + **999⁹⁵** 2088060

L 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 + **199⁹⁵** 2088045

M 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 + **19⁹⁵** 2149573

N 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. Robots and accessories not included.

Age: 2 + **496⁹⁵** 2148443

Educational Robots



A 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! Deluxe set includes (1) 10.1 cm mouse, 30 double-sided coding cards, 10 double-sided activity cards, 1 cheese wedge, (16) 12.5 x 12.5 cm maze grids, 22 maze walls and 3 tunnels, for endless possibilities, and 1 multilingual activity guide to provide the perfect hands-on introduction to coding concepts. The mouse lights-up, makes sounds, and features 2 speeds (for tabletop or floor play) along with colourful buttons to match coding cards for easy programming and sequencing. Requires 3 AAA batteries (not included).

Age: 5 +

83⁹⁵ 2076545

B Code & Go Robot Mouse Math Pack

Using the included number and coding cards, dice, and playmat, students are introduced to core coding concepts to lessons in addition, subtraction, number sequencing, and more. The possibilities are as varied as they are fun. Kids might program the Mouse to find only odd- or even-numbered cards, plot out a sequence of directional commands using the results of dice rolls, or figure out the coding commands needed to send to a specific number on the playmat. In addition to open-ended play and learning possibilities, the Code & Go Robot Mouse Math expansion set also comes with an Activity Guide filled with multiple levels of games, lessons, and suggestion for integrating Colby the Mouse's coding functions into everyday math lessons. Colby the Mouse not included.

Includes:

- 2 Number cubes
- 1 Operations cube
- 11 Double-sided number cards (0–20)
- 1 Foam ruler (13 cm)
- 1 Double-sided number board (front: ten-frame; reverse: number path with shapes)

Age: 5 +

27⁹⁵ 2149052

C 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. It brings computer programming into children's real life, using coding cards and various themed map blocks to guide the child in exploring, perceiving, and creating through highly interactive, stimulating, and fun games. 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 +

208⁹⁵ 2142859

D 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.

With a memory of up to 256 steps, Rugged Robot will be able to carry out the most challenging of activities. With 3 speeds, students can set how fast the robot moves. It also has an obstacle sensor which can be turned on and off to prepare students for the more complex programming that lies ahead.

An obstacle sensor which can be turned on and off will detect obstacles in front of the robot and reverse and rotate 45 degrees before carrying out the rest of the program. Rechargeable battery and cable included.

Age: 3 +

264⁹⁵ 2143287

E Robot Artie Max

Artie Max brings code to life with colourful 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. Rechargeable battery.

Age: 8 +

149⁹⁵ 2145118



More content here!





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+ **249⁹⁵** 2089654

B Dash & Dot – Wonder Pack

The Wonder Pack is the most popular and most comprehensive Wonder Workshop solution. This complete classroom package offers you the greatest learning and playing experience. Includes 1 Dash, 1 Dot, 1 Launcher, 1 Xylophone, 4 Building Brick Connectors, and 1 set of accessories (Bunny Ears, Bunny Tail, Tow Hook, and Bulldozer Bar).

Age: 5+ **375⁹⁵** 2089712

C Puzzlets Starter Pack for Dash Robot

Colourful icon-based graphics and physical tiles make coding accessible to pre-readers as young as 4 years old. As more teachers and parents are looking for screen-free solutions for children to learn STEM skills, students will be able to program Dash without a mobile device or computer.

Kids can simply place the tiles in the Play Tray, and Dash will follow their commands. Children can program Dash to look carefully left and right before crossing the street, do a square dance, act out expressive characters in a story, and much more.

Includes:

- 22 Puzzlets for Dash
- Bluetooth Play Tray
- Storage pouch
- USB cable
- Quick Start Guide

Age: 4+ **138⁹⁵** 2149060

D 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+ **97⁹⁵** 2143170

E 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. Equipped with the latest technology. 4-core MCU integrates WIFI, Bluetooth modules, high-precision metal gear encoder motors, and a wealth of sensors. 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+ **222⁹⁵** 2149466



LEGO® Education Spike™ Essential

Lessons for everyone!

Hint from B²

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.





Find this icon on bb.ca to get more information on LEGO® Education products.



B



C



D



E



F



G



H



Hint from B²

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

A LEGO® Education SPIKE™ Essential – Core Set

LEGO® Education SPIKE™ Essential is the cross-curricular STEAM solution for primary education. SPIKE™ Essential engages students in hands-on investigation of STEAM concepts while contributing to literacy, math, and social-emotional development. Standards-aligned learning units use everyday themes, relatable Minifigures with different personalities and familiar LEGO® building elements to solve problems through storytelling. SPIKE™ Essential consists of a main classroom brick set with a wide variety of LEGO® elements and intelligent hardware (449 elements in total with 2 motors, 1 color sensor, 1 LED device, that can be linked to a programmable hub with rechargeable battery), along with the intuitive SPIKE™ App, all of which is accompanied by a selection of unit plans and comprehensive online and in-app support. SPIKE™ Essential excites students and delivers strong STEAM learning outcomes, developing their STEAM knowledge and practices, and 21st century skills.

Age: 6+ **387⁹⁵** 2499473

Promo price for a limited time. **349⁹⁵**

B Technological Vocabulary Poster – LEGO® EDUCATION SPIKE™ Essential

Bilingual. Double-sided. Format: 45 x 62 cm. Quality paper. Age: 6+ **14⁹⁵** 2149540

C 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+ **48⁹⁵** 2482511

D 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+ **48⁹⁵** 2482529

E LEGO® Education SPIKE™ Essential – Programmable Hub

Age: 6+ **267⁹⁵** 2499481

F LEGO® Education SPIKE™ Essential – Rechargeable Battery

Age: 6+ **84⁹⁵** 2499499

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

Age: 6+ **47⁹⁵** 2499515

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

Age: 6+ **32⁹⁵** 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 STEAM learning reference tool that bridges the gap between WeDo 2.0 and LEGO® MINDSTORMS® EV3. 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 +

Promo price for a limited time.

469⁹⁵

449⁹⁵

2498376



B LEGO® Education SPIKE™ Prime – Expansion Set

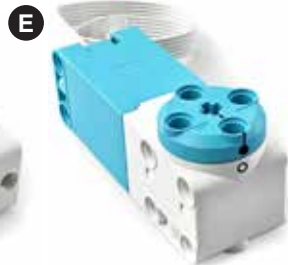
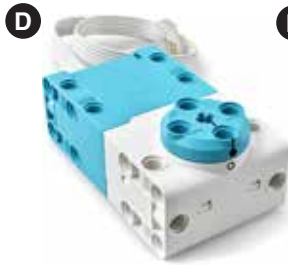
This set will inspire the 6th to 8th grade students to explore more advanced creations and continue to nurture their interest in STEAM learning with the LEGO® Education SPIKE™ Prime Expansion Set. With over 600 LEGO® elements, including 1 extra large motor and 1 color sensor, added to the very useful 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: 11 +

157⁹⁵

2499382





A 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 + **48⁹⁵** 2482511

B 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: 11 + **356⁹⁵** 2498392

C 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: 11 + **87⁹⁵** 2498400

D 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: 11 + **54⁹⁵** 2498418

E 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: 11 + **47⁹⁵** 2498426

F 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: 11 + **33⁹⁵** 2498434

G 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: 11 + **33⁹⁵** 2498442

H SPIKE™ Prime – LEGO® Distance Sensor

Deliver high-accuracy results with the LEGO® Technic™ Distance Sensor, featuring 1-200 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: 11 + **54⁹⁵** 2498459

I 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: 11 + **13⁹⁵** 2498467

J 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: 11 + **7⁹⁵** 2498475

K 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.

Age: 10 + **19⁹⁵** 2499366

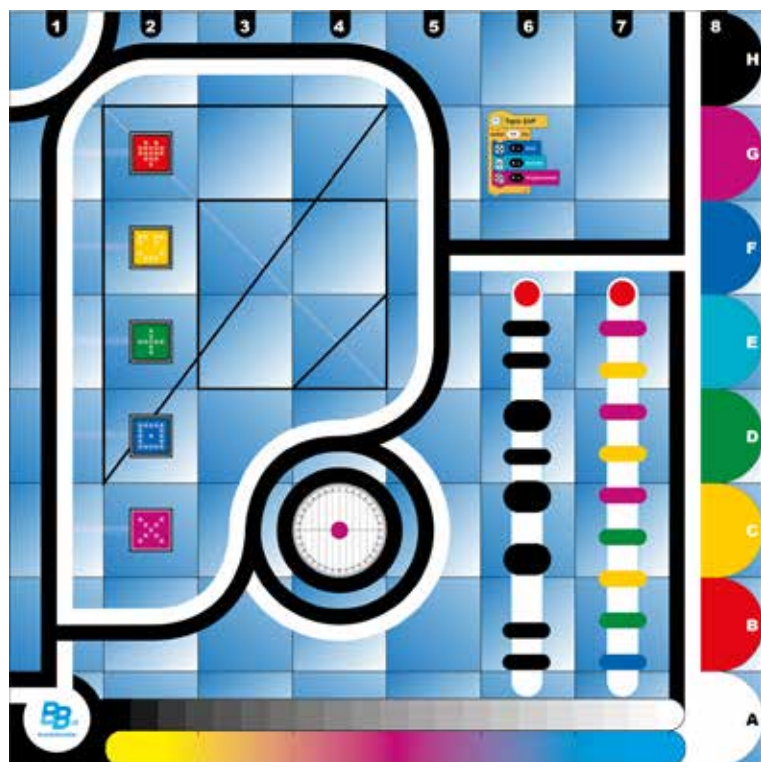
Complementary Products for Robotics



C



D



Hint from B²

The best offer for high performance batteries for the institutional market.

E

F

G

H



I

J

K

L



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.

119⁹⁵ 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.

195⁹⁵ 2017135

C Multi Charger 5-port USB

Multi charger 5-port USB + Power cord good for any device.

Age: 4 +

44⁹⁵ 2146892

D 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 +

69⁹⁵ 2499358

Procell Constant Alkaline Batteries

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

E AA – Pack of 24

16⁹⁵ 2240893

F AAA – Pack of 24

16⁹⁵ 2240901

G C – Pack of 12

19⁹⁵ 2240885

H D – Pack of 12

19⁹⁵ 2240877

I 9V – Pack of 12

29⁹⁵ 2240919

J CR2016 – Pack of 5

7⁹⁵ 2240927

K CR2025 – Pack of 5

7⁹⁵ 2240935

L CR2032 – Pack of 5

7⁹⁵ 2240943



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 colours to follow the lines drawn, lights and flashes in colours 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: 7 +

A 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.

269⁹⁵ 2498749

B 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.

2,789⁹⁵ 2498764

C 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.

Age: 4 + **25⁹⁵** 2498772

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 +

D Coding with soccer 64⁹⁵ 2149086

E Coding at sea 64⁹⁵ 2149078

F Coding in a Winter Wonderland 64⁹⁵ 2149532

G Coding in Outer Space 64⁹⁵ 2149094

H 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.

25⁹⁵ 2499283

I 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 + **179⁹⁵** 2499531

J 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 behaviors, 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. Student 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 + **399⁹⁵** 2149607

LEGO® Education BricQ Motion



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 Primary Set

Ages: 6 to 10

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. **139⁹⁵** 2499176

Personal Learning Kit – Primary

Ages 6 to 10

2 home learning units, one for lower and one for upper elementary. 2 home learning units (3 activities covering 3-4 hours lesson plans each and hybrid teaching resource). 62 LEGO® System elements with printed instructions.

For 1 student. **13⁹⁵** 2499184

B Secondary Set

Age: 10 +

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. **139⁹⁵** 2499192

C Personal Learning Kit – Secondary

Age: 10 +

1 home learning unit for secondary. 1 home learning unit (3 activities covering 3-4 hours lesson plans and hybrid teaching resource). 78 LEGO® Technic + System elements with printed building instructions.

For 1 student. **13⁹⁵** 2499218

LEGO education



Hint from B²

Science and sports

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.





Strawbees®



More content
here!



Micro:Bit available on page 20.



Strawbees STEAM sets A or B needed.



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 +

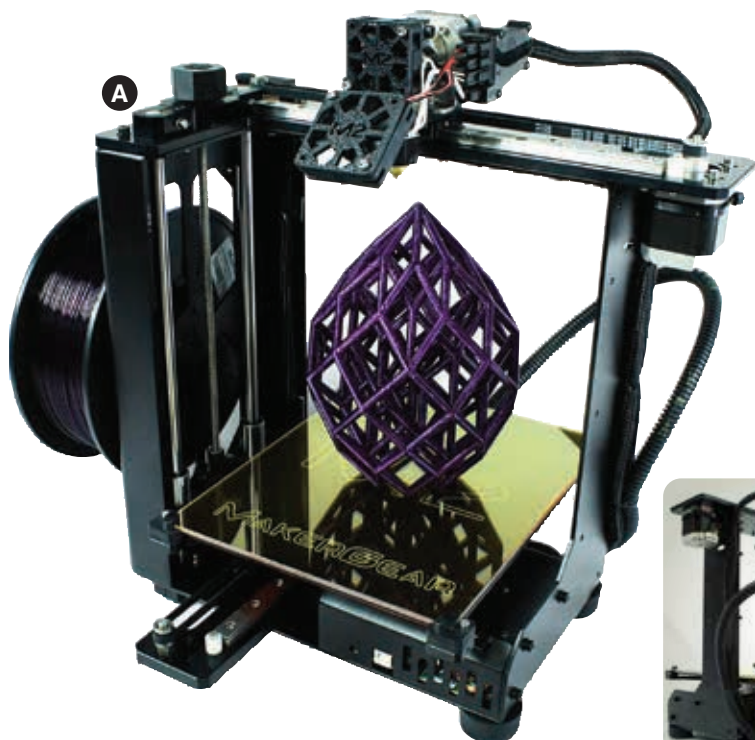
A STEAM Starter kit: For individual use. 230 elements 34⁹⁵ 2499424
B STEAM School kit: For up to 30 students. 4200 elements 549⁹⁵ 2499416

Strawbees Robotic Invention for micro:bit

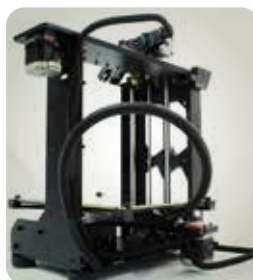
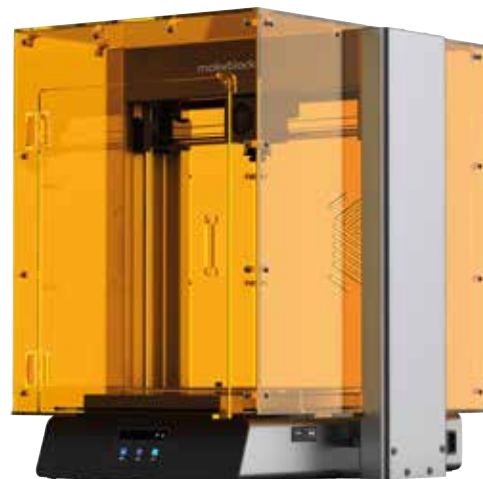
Set compatible with micro:bit and the Strawbees system for building robots. The Strawbees sets (2499424 or 2499416) must be purchased separately. This set of parts allows you to connect the Strawbees structural elements (straws and connectors) to a micro:bit board (not included). 15 parts in total, including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

Age: 8 +

C Single set 59⁹⁵ 2499440
D Set of 10 519⁹⁵ 2499432



B



A M2 3D Printer

- Dimensions are 20 x 25 x 20 cm.
- Build plate is 110 °C and higher and is made of borosilicate glass print bed with replaceable print surface.
- Filament feed is direct (non-Bowden).
- Includes a 0.35 mm brass nozzle with a temperature of 180 – 300 °C.
- Maximum extruding temperature is 40 W rated at 300 °C.
- Uses FFF (Fused Filament Fabrication) print technology.
- Layer resolution is smaller than 50 microns to 0.25 mm with a 0.35 mm nozzle.
- Print head travels at a speed of 80-200 mm/sec, for best print quality.
- Operating sound is < 65 dBA.
- SD card reader and USB connection to the computer.

Includes MakerGear M2e printer with V4 hot end, power supply with adjustable input voltage (115 V or 230 V), power cord, 1 kg spool of black PLA, 20.3 x 25.4 cm build plate, roll of 5 cm replacement printing film, tool set, sample prints made by your M2, SD card with sample prints, and user guide.

Age : 12 +

3,699⁹⁵

2095602

B 3D Printer and Laser Engraver mCreate 2.0

mCreate 2.0 provides protective enclosure accessories, which can filter laser lights scattered and keep off smoke and dust, providing comprehensive protection for its users.

mCreate is a versatile desktop 3D printer featuring the innovative Genius smart levelling technology for accurate printing. Our patented smart nozzle, flexible magnetic build plate and the ability to resume working even after a power outage, enable mCreate to deliver a remarkable print success rate and quality. By quickly switching to the laser engraving mode, the machine meets the needs of a broader range of applications in STEAM education or other creative projects. Built for materializing creativity, mCreate makes ideas tangible.

- Printing volume of 22 x 22 x 29.5 cm.
- Precision and reliability.
- User friendly.
- Multiple STEAM applications.

Age: 10 +

1,389⁹⁵

2138014

C 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 +

12⁹⁵

2097541

C



Industrial grade precision and easy to use.

MakerGear 3D Printers:

- Feature steel frame and CNC machined cast aluminum construction to provide industrial level precision with a small footprint.
- Feature a new four-point print bed which is easy to level, stays level, and removes the need for z-compensation (aka “auto-leveling”).
- Use the filament of your choice.
- Use software compatible with many open-source and commercially available modelling, slicing, and printer control software available for Windows Mac, and Linux. Simplify3D software is recommended.
- Are factory tested and ready to use out of the box with the easy-to-use Quick Start software, tutorial video and updated User Guide

The Printer 3D ULIO: an innovative educational project!

More content
here!



Hint from B²

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 www.bb.ca for all technical specifications

A ULIO 3D Printer

ULIO is a printable 3D printer. This user-friendly kit allows access to online videos to learn how to draw, print and assemble ULIO, as well as the ability to download all print files in STL format. Important notes: To print ULIO, you need access to an existing 3D printer that can print 8 x 8 x 8 inch objects (ULIO can be adjusted to 8 x 6.2 x 8 inches). Requires adult help and supervision.

Includes the following hardware:

- Professional-grade microcontroller
- A professional hot nozzle (for filament of 1.75 mm)
- 4 stepper motors (NEMA 17)
- 3 cooling fans
- 3 mechanical limit switches
- A toothed wheel (MK7)
- 1 bowden tube (1.75 mm)
- 1 polycarbonate printing platform with "Buildtak" sheet
- A cULusa-certified "Desktop" power supply
- Hardware and electronic components

Specifications:

- Printing technology: melt filament deposit
- Approximate printing volume: 4" x 4" x 3"
- Approximate printing resolution: 100 to 300 microns
- Approximate speed: up to 50 mm/s (30 mm/s for better print quality) Approximate Physical Size: 7.5" x 7.25" x 13.5"
- Approximate gross weight: 6.07 lb Hot
- Nozzle Diameter: 0.4 mm
- Connectivity: USB
- Third-party printing software: Cura or slic3r
- Third-party microprogram: Marlin
- Operating System Compatibility: Windows and Mac
- File type: STL, OBJ, Gcode
- Estimated printing time: 65 to 75 hours (depending on your slicing parameters)
- Amount of filament estimated: from 1000 g to 1100 g (depending on your slicing parameters).

Age: 10 + **715⁹⁵** 2089233

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 heated bed
- 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 Architectural White	46⁹⁵	2090058
C Electronic Blue	46⁹⁵	2090082
D Lunar Grey	46⁹⁵	2090041
E Lemon Yellow	46⁹⁵	2090090
F Yellow Orange	46⁹⁵	2090108
G Ivory Black	46⁹⁵	2090033
H Fuchsia Pink	46⁹⁵	2090140
I Dragon Red	46⁹⁵	2090173
J Tangerine	46⁹⁵	2090116
K Translucent	46⁹⁵	2090025
L G.I. Green	46⁹⁵	2090132
M Martian Green	46⁹⁵	2090124
N Lavender Purple	46⁹⁵	2090157

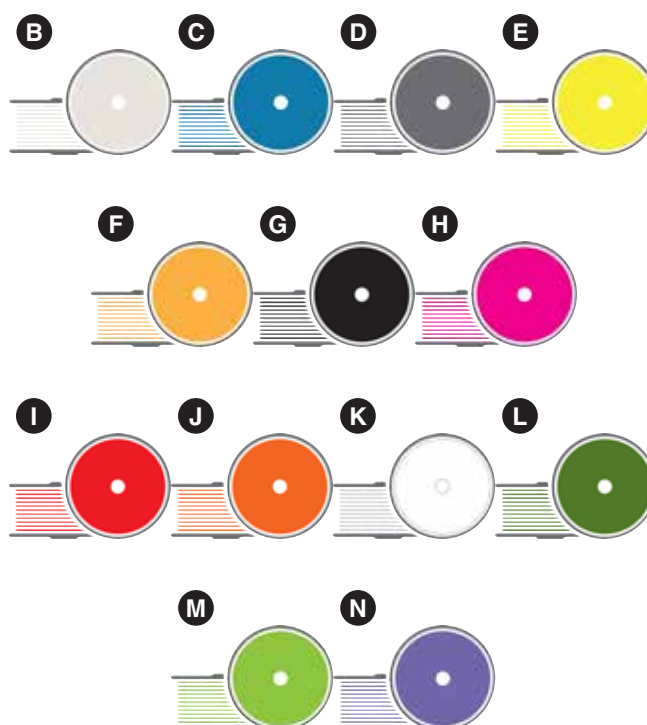
Ulio licenses

Annual licenses to use Ulio's online educational resources. Not shown.

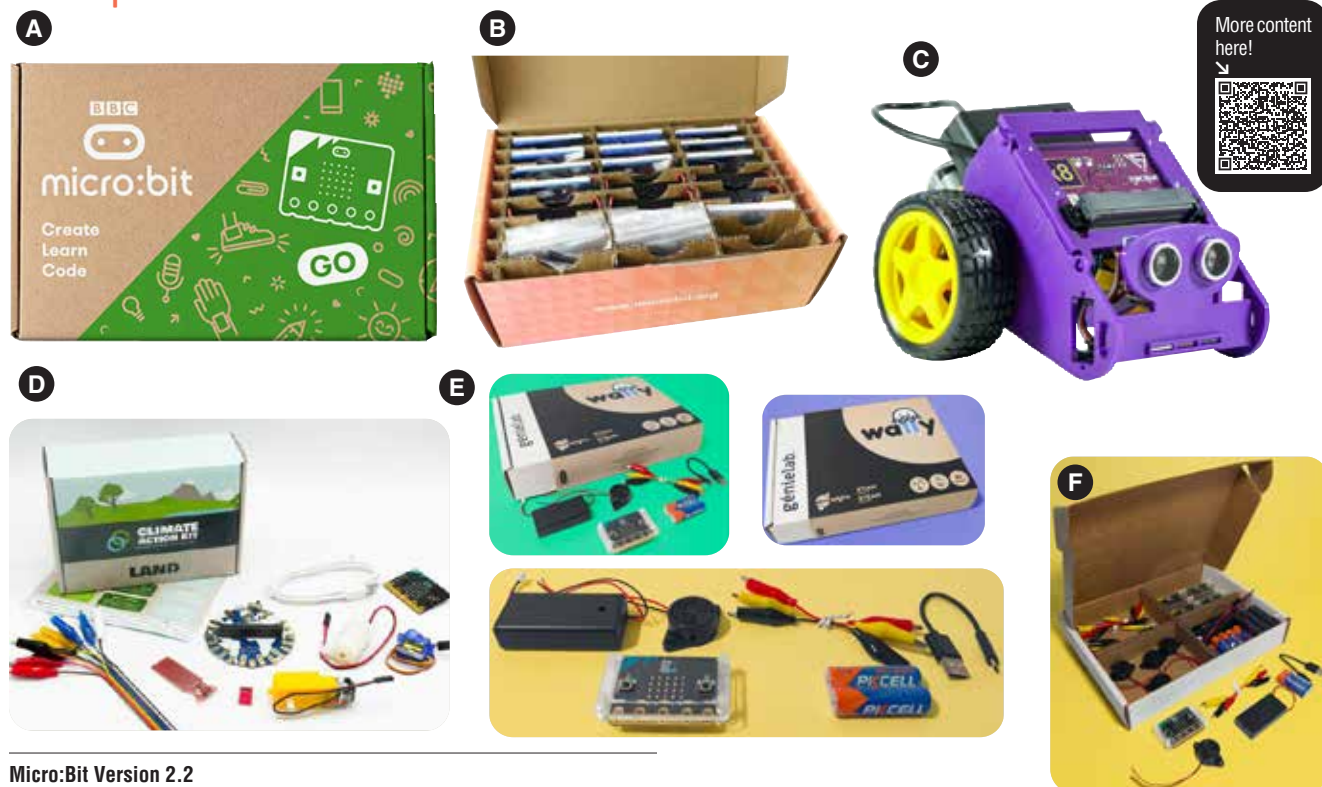
Additional license for 1 user
98⁹⁵ 2430627

Class license
30 students max. **1,198⁹⁵** 2430635

3D Printing



Makerspace Solutions



More content
here!



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 +

A Micro:Bit Go Pack

Includes:

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

29⁹⁵ 2499291

B Micro:Bit Club Pack

Includes:

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

298⁹⁵ 2499309

C 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 +

Single K8 Robot

Micro:Bit not included

79⁹⁵ 2499317

D 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 +

Single Climate Action Kit – Land

Micro:Bit not included

44⁹⁵ 2499333

Hint from B²

Wally is a techno-pedagogical solution proudly made in Canada by GenieLab.

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 nano-computer 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 micro:bit microcontrollers in their enclosure
- 5 sets of alligator clips
- 5 battery packs (batteries included)
- 5 USB cables (USB-A to Micro-USB)
- 5 piezoelectric speakers
- Instructions for teachers
- PDF of a foldable Wally 3D for download
- Spare parts
- 5 user codes

Age: 7 +

E Workshop Kit

174⁹⁵ 2149805

F Classpack

549⁹⁵ 2149813



A 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

Single Bit Board Micro:Bit adaptor

145⁹⁵ 2134609

37⁹⁵ 2132421

B 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 for all the components in the set.

Age: 7 +

223⁹⁵ 2048098

C 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 for the full list of components.

Age: 10 +

139⁹⁵ 2149557

D 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 for all the components in the set.

Age: 7 +

1,428⁹⁵ 2048031

E Solar Bug to build – 4-pack

A 2V solar cell connects directly to a self-stick vibrating motor causing this bug to wiggle around when placed in direct sunlight. This project allows students to flex their creative muscles, while also learning about solar power, motion, and vibration. It is recommended to personalize the Solar Bugs by painting or coloring the cardstock bodies before assembly.

The set includes:

- 16x Googly Eyes
- 4x Solar Cells
- 4x Self-Sticking Motors
- 4x Foam Tape Squares
- 4x Double-Sided Bug Cards
- 1x 5m Roll 1/4" Maker Tape™

Age: 10 +

36⁹⁵ 2149565

F Paper Circuits

Strong, mess-free Maker Tape conductive tape replaces wires in projects created from scratch or using one of Brown Dog Gadgets' many free paper craft templates and build guides. It can be used on walls or windows, cardboard or fabric, or even be applied to LEGO® bricks for use with Crazy Circuits.

Age: 7 +

Standard Kit

Includes a 6 35 mm x 5 m roll of nylon conductive tape, 10 CR2032 batteries, 30 jumbo LEDs in 5 colours including colour changing, and 10 binder clips.

37⁹⁵ 2048049

Classroom Kit

Classroom Kit Includes a 6 35 mm x 20 m roll of nylon conductive tape, 40 CR2032 batteries, 120 jumbo LEDs in 5 colours including colour changing, and 40 binder clips.

145⁹⁵ 2048056

G 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 and taping down a component, a simple connection. Resistance of 1 ohm per 30 cm. No special tools needed.

Age: 7 +

3,17 mm x 5 m

Works best with Crazy Circuits parts.

9⁹⁵ 2048064

6 35 mm x 20 m

Works best for paper circuits projects using plain LEDs.

15⁹⁵ 2048072

H 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 ohm per 30 cm. 5 m.

Age: 7 +

5¹⁵ 2048080



More content
here!



The HUE HD Pro Camera

Colourful, affordable technology to inspire creative teaching and learning

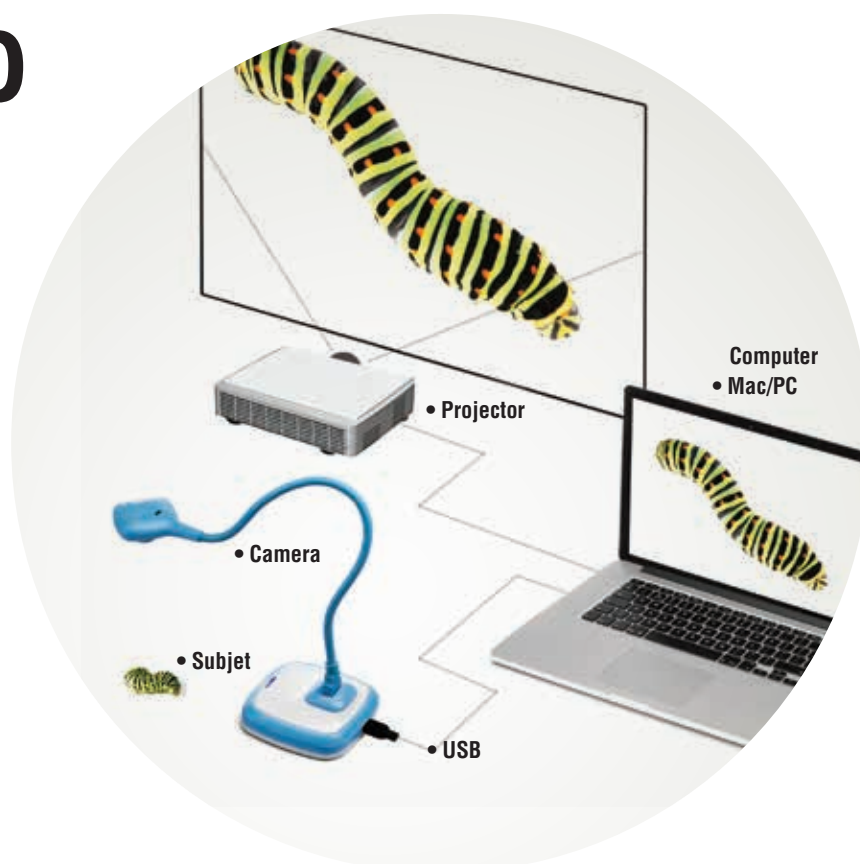
A Document Camera HUE HD Pro

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 +

129⁹⁵

2145068



General Conditions

Important notice

In order to help us serve you better, please indicate the name (and brand name, if applicable), as well as the reference number of each item on your order form.

Prices

Our prices are subject to market fluctuations and can change without notice.

Applicable taxes

Prices in the catalog do not include sales taxes, which will be applied separately on your invoice.

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.

Returns

Any return of merchandise must be authorized within 90 days of reception. Please contact our Customer Service Department to obtain an authorization number. Depending on the condition of the returned items, re-stocking fees of 15% to 50% of the reimbursed merchandise could be applicable.

In order for a return to be authorized, any merchandise to be returned must bear an authorization number.

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.

General conditions – Shipping

The following chart indicates our shipping and handling fees according to the destination.

A minimum order of \$35 is required.

Destination	Shipping		
	Order amount	Applicable fees	Overcharge (oversized item)
Quebec* Ontario* New-Brunswick* Nova-Scotia* Prince Edward Island* Manitoba*	\$35 – \$89.99 \$90 – \$249.99 \$250 +	→ \$14.95 per order → 9% (\$14.95 minimum) → Paid	Extra fees of up to 11% will be applied to the cost of the item, to a maximum fee of \$195 per order for items bearing the truck pictogram (not added to other fees). 
British Columbia* Alberta* Saskatchewan* Newfoundland* Labrador*	\$35 – \$89.99 \$90 – \$599.99 \$600 +	→ \$14.95 per order → 9% (\$14.95 minimum) → Paid	Extra fees of up to 11% will be applied to the cost of the item, to a maximum fee of \$450 per order for items bearing the truck pictogram (not added to other fees). 
Other regions * Certain remote locations		FOB Montreal FOB Montreal	

* Some conditions apply. Please contact Customer Service for more information. Prices, terms and conditions are subject to change without notice.

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