



2024 / 25 STEM & Coding Catalogue

For 80 years, Brault & Bouthillier has helped foster creative thinking and overall development in children.

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KUBO

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

More info here!



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 Licence. 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 + **299⁹⁵** 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 for control of time, speed, distance and direction. There are KUBO Coding+ lesson plans and teacher guides, to guide teachers and students all the way.

KUBO Coding+, students become more confident programmers using functions, subroutines and loops for endless possibilities. Go to bb.ca for detailed content.

Age: 4 + **83⁹⁵** 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. Comes with lesson plans, a project pack and teacher guides. Go to bb.ca for detailed content.

Age: 4 + **83⁹⁵** 2146876

D KUBO – Coding Math Set

The KUBO Coding Math pack is a new unique set of TagTiles that combines coding with 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 available online. These cards and maps address counting, cardinality, number sense, algebraic thinking and operations. Go to bb.ca for detailed content.

Age: 4 + **83⁹⁵** 2146884

E 1 year subscription to Kubo Play (35 students)

429⁹⁵ 2245850

Educational Robots



A Robot TaleBot Pro Robot

TaleBot Pro Robot 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 an 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+ **179⁹⁵** 2245587

B Loti-Bot

Loti-Bot is packed full of features to enable you to teach coding in school, including, programmable LEDs, programmable bumper sensors, programmable proximity sensors, adjustable pen holder, microphone, speaker, 20 pre-loaded sounds, buddy detection sensor (which detects other Loti-Bots, Blue-Bot and Bee-Bot!) and 1 Cliff sensor – prevents Loti from falling off the edge of the table. Rechargeable.

Age: 8+ **269⁹⁵** 2144286

C VinciBot

VinciBot is a programmable, rechargeable robot with multiple functions. Graphics programming and Python.

Age: 8+ **149⁹⁵** 2144187

D Dash

Improved version! Dash is a storytelling robot that reacts to voice commands 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 licence (2 students, 12 months), improved memory and battery life. Tablet not included.

Age: 5+ **262⁹⁵** 2089654

E 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 and 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:

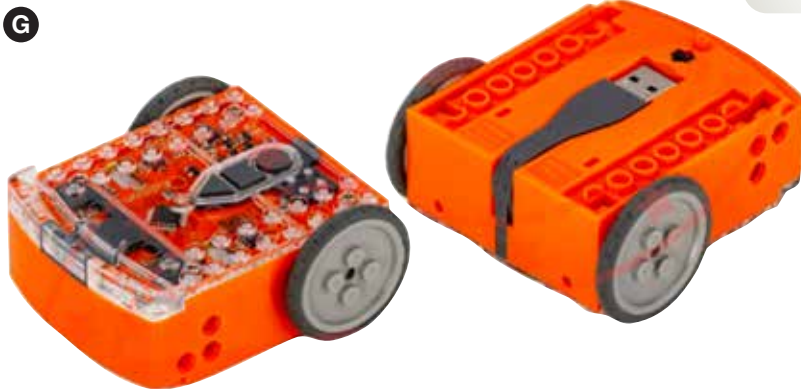
- 1 – Dash Robot
- 1 – sketch kit
- 1 – launcher
- 1 – gripper building kit
- 2 – building brick connectors

For iOS 13+ devices and Chrome web browser.

393⁹⁵ 2245660



Hint from B²
Edison is now rechargeable.



A PYXEL, a coder's best friend

Kids start with drag-and-drop coding language Blockly and level up to advanced Python coding! Includes PYXEL A Coder's Best Friend, a rechargeable battery, built-in user interface and a Code Activator.

8+ **169⁹⁵** 2144088

B Artie Max Robot

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 Wi-Fi device securely and directly to Artie Max – no internet needed.

Age: 8+ **139⁹⁵** 2145118

Oti-Bot Robot

Oti-Bot is a 35 cm (14") tall STEAM-specific robot that offers students opportunities to practise 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 colours, 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).

- C** Oti-Bot Robot set **789⁹⁵** 2246197
- D** Oti-Bot Pusher **26⁹⁵** 2246247
- E** Oti-Bot Basket **26⁹⁵** 2246254
- F** Oti-Bot Forklift **159⁹⁵** 2246262

G Edison Robot V3

- Rechargeable: Edison V3 now contains a rechargeable internal battery, ready to be powered up via USB-A with any power source.
- USB programmable.
- Enhanced Microchip: Faster processing for an enriched learning experience.
- Still very affordable.

6 yrs + **69⁹⁵** 2160018

H EdCharger

The EdCharger serves as a charging and storage solution tailored to the Edison V3 robot. Capable of accommodating and charging up to 5 Edison robots simultaneously, it's an ideal fit for classroom settings.

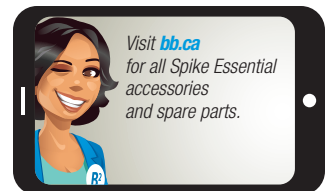
Powered by any USB-A socket with at least 1 Amp (5 watts) output, the EdCharger is specifically designed for use with the Edison V3 robot.

6 yrs + **69⁹⁵** 2160026



LEGO® Education Spike™ Essential

Lessons for everyone!



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 colour 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+ **432⁹⁵** 2499473

Promotion for a limited time **398⁹⁵**



LEGO education

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.

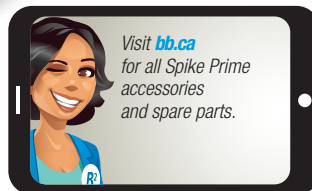
Combining colourful LEGO® building elements, easy-to-use hardware, and an intuitive drag-and-drop coding language based on Scratch, SPIKE™ Prime, with its endless creative design possibilities, continuously engages students through playful learning activities to think critically and to solve complex 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.



A

B



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 +

Promotion for a limited time

557⁹⁵ 2498376
498⁹⁸

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 colour sensor, added to the very useful Maker plate that allows the 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 +

Promotion for a limited time

187⁹⁵ 2499382
164⁹⁵



A Photon – The interdisciplinary Robot

The interdisciplinary Photon Robot was designed to work with both younger and older students.

The robot can be used at every level of education, from kindergarten, all the way to 12th grade. It can be used to teach core competencies or go further by expanding lessons about planets and the solar system by taking the robot for a walk in space. It can be taken onto a meadow to learn about plants and bees or into a city to talk about road safety. The robot can be used to introduce colours, animals, or geometric shapes, or even to explain the concept of sustainable energy. Photon is also great for carrying out games aimed at consolidating mathematical operations and memorizing numbers. With the robot's help, students can match the result to an operation or decide whether the result is correct or not.

By using the adapted app for each set developed by Photon, the teachers will get the most out of this innovative tool. Rechargeable Battery.

A Photon Early Education

School should be fun – both for teachers and students. Keeping students engaged and entertained makes learning to seem like play. The Early Education Teaching Kit is a comprehensive tool for teaching the youngest children. The kit includes cognitive, social, emotional, and physical development activities.

5 yrs + **798⁹⁵** 2144583

B Photon Artificial Intelligence

Artificial Intelligence is one of the world's most important and fastest-developing contemporary technologies. By introducing the concept of artificial intelligence (AI) at an early age, we are providing children with the knowledge that will give them a significant advantage in both their personal and professional lives.

7 yrs + **999⁹⁵** 2144682

C Photon Ecology

Fostering the right behaviors in future generations is undoubtedly one of the most important tasks. Promoting an attitude of respect for the natural environment must be on every teacher's to-do list. With the Ecology kit, students learn the key recycling concepts and discover many natural phenomena around them through hands-on activities. As a result, the children develop an understanding of the human impact on the environment and learn how they can make the world a better place.

6 yrs + **999⁹⁵** 2144996

D Photon Social-Emotional Learning

Society has to make sure that children grow to be happy and perfectly functioning adults. With the SEL Kit, students will learn how to deal with difficult situations, function better in family, school, and society as a whole. They are also going to learn how to deal with aggression, stress, and negative emotions and understand the importance of teamwork, self-discipline, and mutual respect.

6 yrs + **798⁹⁵** 2145085



A Photon Special Education

The Special Education Needs Kit is the world's first teaching kit focusing on children with Autism Spectrum Disorder as well as emotional and social disorders. The Kit authors are teachers and therapists who work with special educational needs children daily and are passionate about technology. Photon plays the role of a student's companion, a guide in the confusing world of social norms and everyday challenges. The robot can surprise, entertain, and motivate students to perform their best.

6 yrs + **798⁹⁵** 2144781

B Photon Robotics and coding

The module will support computer science teachers, teaching in grades 7-8 in secondary schools. Combining Photon with a micro:bit microcontroller will open up a vast array of new and advanced possibilities for students. It will help them acquire skills that they will later find useful when entering the job market, where flexibility and openness to new programming languages and hardware solutions are required.

12 yrs + **999⁹⁵** 2144989

C Photon Physics

Teachers often lack the right tools to engage children properly in their physics classes. Getting the essence of amazing physical phenomena and boring theory at the same time is difficult. With the Photon Physics kit, Students will have an excellent opportunity to rediscover the world of experiments and enjoy hands-on activities.

12 yrs + **999⁹⁵** 2144880

D Photon Robot (unit)

Ce robot est programmable à l'aide des langages les plus populaires disponibles : Scratch, Javascript, Python, Swift. Batterie rechargeable.

4 ans + **348⁹⁵** 2145184



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 users to code in 3 programming languages including Python, a text language.

A Root® Pro Coding Robot

Age: 5 +
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.

328⁹⁵ 2498749

B Set of 12 units

Age: 5 +
Includes 12 complete Root® robots, as well as a 1-year access to Root Academy School for up to 100 iOS devices.

3,449⁹⁵ 2498764

C 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 microfibre cloth included.

Age: 5 + **179⁹⁵** 2499531

D 6 Root Lite robots and 1-year access to iRobot's Premium Education Content.

999⁹⁵ 2245413

E 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

F Root® – 64 x 64 cm Fold-Out Whiteboard Grid

Perfect to create coding challenges or draw 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 + **22⁹⁵** 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

G Coding with Soccer

Age: 5 + **64⁹⁵** 2149086

H Coding at Sea

Age: 6 + **64⁹⁵** 2149078

I Coding in a Winter Wonderland

Age: 6 + **64⁹⁵** 2149532

J Coding in Outer Space

Age: 6 + **64⁹⁵** 2149094

K Coding your Home

Age: 6 + **64⁹⁵** 2148048



A 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 Colour Code markers, one USB charging cable and a Bot Camps Educators guide.

241⁹⁵ 2498558

Classroom Kit -12

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

2,835⁹⁵ 2498228

Classroom Kit -18

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

4,049⁹⁵ 2498541

Ozobot Colour Code Magnets

- B** The Speed Kit **16⁹⁵** 2291250
- C** The Base Kit **42⁹⁵** 2291243
- D** The Special Moves Kit **16⁹⁵** 2291268

Ozobot STEAM Kits

Ozobot STEAM Kits offer ready-to-go, creative and educational activities with the Ozobot robot.

Age: 8 +

E Ozobot Around a Sundial

Learn how to tell time using the sun and much more. Activities and lessons.

49⁹⁵ 2291227

F Ozobot on a Seesaw

Learn about leverage and simple machines. Activities and lessons.

49⁹⁵ 2291235

G Ozobot Goes to the Solar System

Explore the wonders of the solar system while learning fundamental STEAM concepts and engineering skills. Activities and lessons.

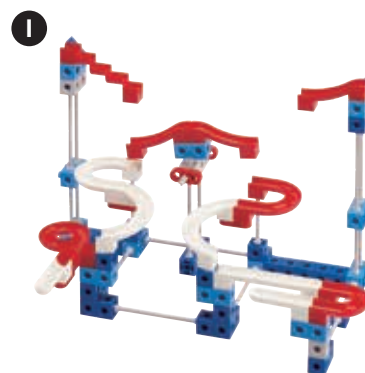
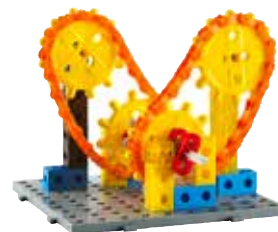
59⁹⁵ 2291201

H Ozobot Goes to the Sun, Earth and Moon

Learn about how the movements of the sun and moon affect different phenomena on Earth. Activities and lessons.

49⁹⁵ 2291219

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®.

A My Gears Sets® Classpack

326 Pcs **149⁹⁵** 2271683

B My Gears Sets® Junior Set

117 Pcs
Age: 5+ **36⁹⁵** 2245991

C My Gears Sets® Starter Set

47 Pcs
Age: 5+ **24⁹⁵** 2246148

D My Gears Sets® Animal Set

122 Pcs
Age: 5+ **36⁹⁵** 2246163

E My Gears Sets® Machine Set

181 Pcs
Age: 5+ **44⁹⁵** 2246189

F My Gears Sets® Transport Set

118 Pcs
Age: 5+ **36⁹⁵** 2246155

G My Gears Sets® Mini Transport Set

60 Pcs **21⁹⁵** 2271782

H My Gears Sets® Marble run builder classpack

240 Pcs **82⁹⁵** 2271980

I My Gears Sets® Marble run

102 Pcs **42⁹⁵** 2271881



Hint from B²

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 fun a-ha moments as they set bricks in motion.

A ESSENTIAL Primary Set

Ages: 6 to 10

2 learning units: Train to Win and Winning With Science (7 activities covering 6-8 hour lesson plans each and a 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.

191⁹⁵ 2499176

B PRIME Secondary Set

Age: 10 +

1 learning unit: Science for Sports (7 activities covering 6-8 hour lesson plans and a 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.

191⁹⁵ 2499192

C 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.

15⁹⁵ 2245546

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.

15⁹⁵ 2245553



Makerspace



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 stay 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

31⁹⁵ 2499291

B Micro:Bit Club Pack

Includes:

- 10x Micro:Bit
- 10x USB cables
- 10x battery holders
- 20x AAA batteries
- 10x Quick Start Guides

279⁹⁵ 2499309

C Battery Case for Micro:Bit

This battery box has an on/off switch, with the connector made to be used with the Micro:Bit.

Using this battery box makes it easier to switch your micro:bit on and off without needing to unplug the connector.

- Uses 2x AAA batteries
- 150mm-long leads

4⁹⁵ 2499630

D ELECFREAKS Starter Set for Micro:Bit

ELECFREAKS Micro:Bit Starter Kit is designed for students who are beginning to acquire electric circuit and programming knowledge. 24 pieces.

8+ **49⁹⁵** 2160034

E Boson Starter kit for micro:bit

The Boson starter kit for micro:bit includes 8 well-selected modules, covering the most popular digital and analog sensors and actuators, supporting sound, light, and motion interaction. Modules communicate to micro:bit via 3-Pin interface and are perfectly compatible with Microsoft MakeCode JavaScript online Editor and Python Editor.

8 yrs + **139⁹⁵** 2149285





A 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 **62⁹⁵** 2499317

B 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 +

Climate Action Kit – Land

Micro:Bit not included **46⁹⁵** 2499333

C 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 +

1 x Climate Action Globe Breakout Board

Robotic Parts for Energy Projects:

- Alligator Clips
- DC Motor + 2 x wheels
- DC Fan Motor
- Photoresistor Sensor
- Servo Motor
- Touch Sensor
- Sonar Sensor

46⁹⁵ 2274371

The FORWARD EDUCATION Climate Action Collection

The Climate Action Kits come with everything a teacher needs, from the robotics hardware to curriculum-aligned lesson plans and step-by-step coding and building tutorials.

8 yrs +

D All-in-One Climate Action Kit	299⁹⁵	2272087
E Wind Turbine Climate Action Kit	59⁹⁵	2272384
F Smart Farming Climate Action Kit	59⁹⁵	2272285
G Smart Vehicle Climate Action Kit	114⁹⁵	2272186



Unlock the world of AI and digital creation!



AIALAB by Génilab
 A digital journey and a guide crafted to introduce young minds to artificial intelligence.

Offers a self-paced content for a fun and adaptive learning experience. Everyone can learn the joys of programming and lectrongs.

A AIALAB

AIALab is a complete introductory course in artificial intelligence (AI) with artistic applications, designed in Canada. The platform is rich in explanatory and interactive content on the subject. The history and ethics of AI, AI in music, visual arts and poetry make up the main chapters.

1 access code for use on 1 workstation.
30⁹⁵ 2240778

15 access codes for use on as many workstations.
368⁹⁵ 2240787

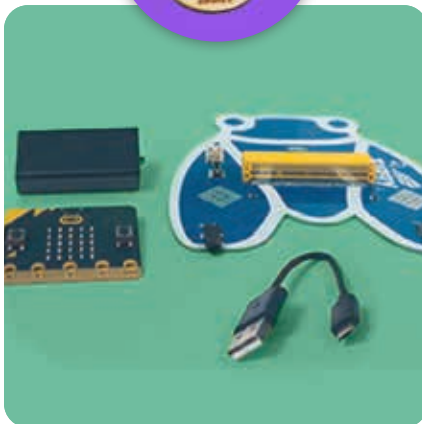
30 access codes for use on as many workstations.
614⁹⁵ 2240886

A





A



A Ziggy and the singing insects

Ziggy and Singing Insects kit is an interactive and engaging learning kit compatible with micro:bit.
7 yrs +

Individual Set (1 unit)

- 1 sturdy plastic box with protective foam
 - 1 Ziggy circuit board
 - 1 AAA battery holder (2 batteries not included)
 - 1 guide to connecting to the online platform
 - 1 user code for the virtual learning platform
- 149⁹⁵** 2490027

School Set (5 units)

709⁹⁵ 2490043



B



B 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 Wally Kit
Age: 7 +

Individual Set (1 unit)

174⁹⁵ 2149805

School Set (5 units)

549⁹⁵ 2149813



C



C 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

Individual Set (1 unit)

- 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.

179⁹⁵ 2246627

School Set “CSS” (5 units)

849⁹⁵ 2246635



généielab.

Makerspace

A



B



C



D



A Boscience Inventor Kit

The Boscience kit breaks down complicated circuits into simple, functional modules that are easy to understand. Includes:

A total of 37 modules, including 7 input modules, 6 actuators, 18 functions and 6 power modules.

8 yrs +

449⁹⁵ 2149087

B Boscience Science Kit

Boscience Science Kit is a set of scientific exploration tools for young scientists to build their hands-on STEAM lab. Boscience science kit brings kids:

8 scientific sensors for physics, chemistry and biology:

- Light sensor x1
- Humidity sensor x1
- Soil moisture sensor x1
- Temperature sensor x1
- Waterproof temperature sensor x1
- pH sensor x1
- Conductivity sensor x1
- Heart rate monitor x1

249⁹⁵ 2149186

C TINKA, the electrifying ladybug!

Students will discover the fascinating world of electric circuits with TINKA, the electrifying ladybug!

Includes:

- TINKA printed circuit with switch;
 - 4 LED lights (and 1 spare);
 - 1 AAA battery holder;
 - Conductive adhesive tape;
 - Assembly guide;
- All in a rigid cardboard envelope.
3 AAA batteries not included.

7 yrs +

36⁹⁵ 2240985

D GONZO, the robot that doodles!

The techno-creation kit Gonzo, the robot that doodles, stimulates creativity by merging art and electronics.

Includes:

- 1 Electric motor;
 - 1 Engine door;
 - 2 AAA Batteries;
 - 1 AAA battery holder;
 - 3 felt-tip pens;
 - 1 Propeller;
 - Sheet of cardboard with cutting lines;
 - Decoration stickers;
 - Assembly guide;
- All in a rigid cardboard envelope.
2 AAA batteries not included.

2 AAA batteries not included.

30⁹⁵ 2241280



Hint from B²
PLA Filament
 for 3D Printers are available at BB.ca.



A Ulio Brix 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.

Promotion for a limited time

1,195⁹⁵
999⁹⁵ 2241263

B 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 one day becoming 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"). Adult supervision and assistance are required.

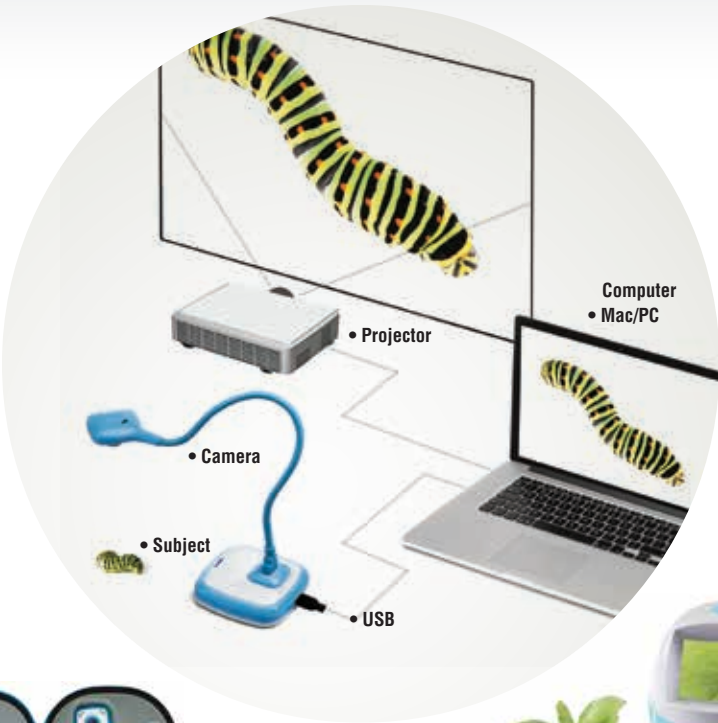
1,149⁹⁵ 2246767



A

HUE HD Pro camera

An accessible technology that will inspire your teaching



B



B Carrying Case for HUE HD PRO Camera
 This is a hard carrying case with zipper for the HUE HD Pro camera. Dimensions: 20.5 x 18 x 5.9 cm.
32⁹⁵ 2144484

C



C Easi-Scope Microscope With Screen
 Handheld, portable and with a built-in screen, students can see their magnified images through this microscope up to 43x. Rechargeable.
489⁹⁵ 2144385

A Document Camera HUE HD Pro
 Introducing the HUE HD Pro Camera: a lightweight, portable document camera and visualizer. Full HD 1080p resolution (1920 x 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 that 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 colours.
 Age: 8+ **129⁹⁵** 2145068



Strawbees®



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 +

- A** STEAM Starter kit: For individual use. 230 elements **44⁹⁵** 2499424
- B** STEAM School kit: For up to 30 students. 4200 elements **1,062⁹⁵** 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 **79⁹⁵** 2499440
- D** Set of 10 **649⁹⁵** 2499432

Strawbees Combo pack

- 1 STEAM Starter kit + robotic invention single set **109⁹⁵** 2245421
- 1 STEAM School kit + robotic invention set/10 **1,489⁹⁵** 2245439

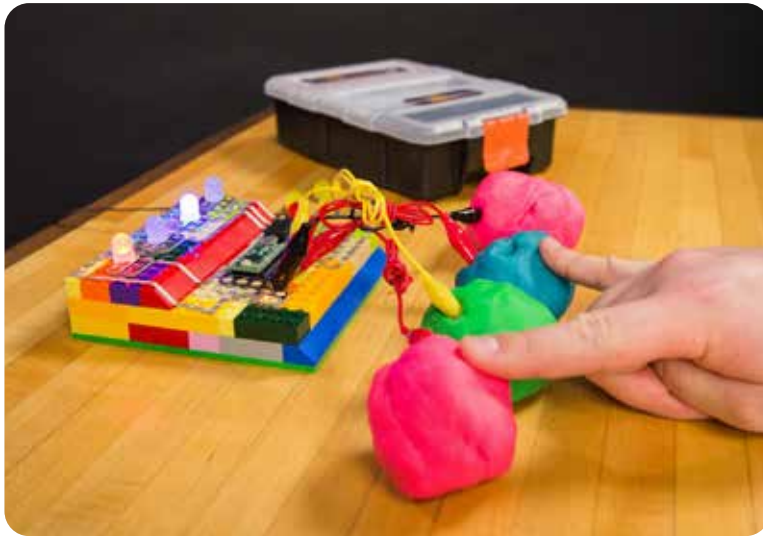
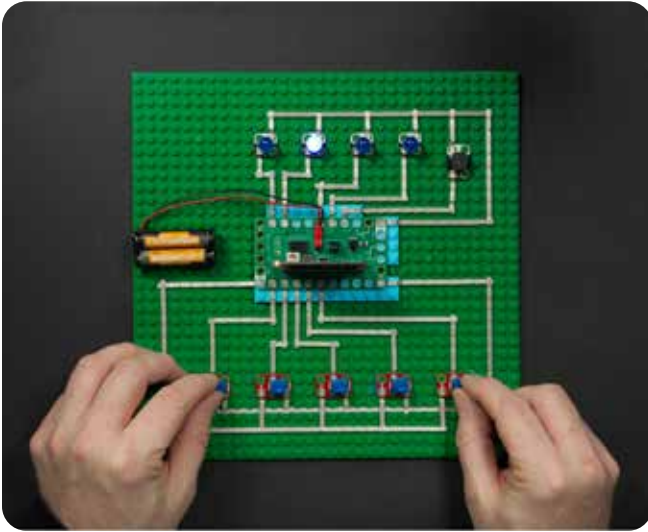
E Strawbees Imagination Kit

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.

144⁹⁵ 2274546



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

154⁹⁵ 2134609

Single Bit Board Micro:Bit adaptor

42⁹⁵ 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 for the full list of components.

Age: 10 +

154⁹⁵ 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 for all the components in the set.

Age: 7 +

223⁹⁵ 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 for all the components in the set.

Age: 7 +

1,569⁹⁵ 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 and taping down a component, a simple 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.

15⁹⁵ 2048072

3, 17 mm x 5 m

Works best with Crazy Circuits parts.

9³⁵ 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 +

5¹⁵ 2048080



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