

Robotics

Blue-Bot robotics kit

38110 TE

PIJS

SI

TTS

Blue-Bot is a Bluetooth enabled floor robot compatible with your tablet or PC. Blue-Bot helps you code, debug and simulate algorithms. Plan your algorithm on the screen of your device and send it remotely for Bluetooth enabled Blue-Bot to perform right in front of you! The rechargeable Blue-Bot has a clear shell so children can see the components inside and identify how it works. It can perform as the standard Bee-Bot program and program it on the robot itself. Blue-Bot is capable of performing 90 degree turns and kids can also include repetitions of an algorithm. Download the app to control Blue-Bot, the latest addition to the our floor robot family. The app enables you to write an algorithm, send it and then Blue-Bot will follow your instructions. There are numerous features, which make writing algorithms both fun and educational.

Applied design, skills and technologies; Coding; Computer programming; Robots; Science–Computer programs

Edison robotics kit

37695 TE

IJS

Edison is a mini orange robot with LEGO compatible attachment points. Edison utilizes the already common and wide ranging LEGO platform to provide a small, user friendly bundle specially designed for introducing beginners to the wide and amazing world of robotics. Edison provides a pathway, stepping the beginner through multiple stages from simple controlling, to programming and then to building. Users can interact with Edison either as a Controller, using provided barcodes to load prepared programs, or as a Programmer, using a variety of software to create custom Edison programs.

Applied design, skills and technologies; Coding; Math; Mathematics; Numeracy; Robots; Science; Technology

Learning from Animal Stories

Mat

39707 TE

The Learning from Animal Stories Mat is meant to inspire curiosity and play for all age groups. This mat is connected to four animal stories that honour specific traits of animals from the Secwepemc territory and highlight the Core Competencies of the BC Curriculum. This stylized map in a floor mat format can be used with the Bluebot or Edison style robots. Connect with robotics, play, storytelling, math, language and more! You will find suggestions and ideas at <https://sites.google.com/gedu.sd73.bc.ca/sd73animalstories> Consider booking these mats with any

of our Grube robotics kits (Sphero, Edison or Blue Bot).

Robots–Equipment and supplies; Language arts; Storytelling–Equipment and supplies; Math; Mathematics; First Nations–Study and teaching; Robots; Secwepemc (First Nations people)–Study and teaching; Animals–Study and teaching; Science

✦ MarsX Robotics Activity Mat

41205 TE

PIJS

2022

Robotics challenge mat for use with LEGO Mindstorms and other robotics platforms.

Robots; Computer programming

SMART City Robotics Activity Mat

38644 TE

Smart City activity mat for use with robotics kits.

Applied design, skills and technologies; Computer programming; Robots