Dynamo Dominoes

Collaboration and teamwork

Spatial concepts

Critical thinking

Advanced coding concepts like if/then logic

Basic coding concepts

Follow black lines

Navigate obstacle courses

Follow looping commands

Detect objects - and move around them!

Botley: The Coding Robot

Botley is programmed via a handheld remote.

Botley will:

- Detect objects - and move around them!
- Follow looping commands
- Navigate obstacle courses
- Follow black lines

Teach and encourage:

- Basic coding concepts
- Advanced coding concepts like if/then logic
- Critical thinking
- Spatial concepts
- Collaboration and teamwork

Dash and Dot Challenge Cards

This set introduces students to early coding and programming ideas without electronics.

Let's Go Code! Activity Set

Students will have fun while building gross motor skills by stepping, hopping and turning.

Educational Benefits

Skill Development: Critical thinking, Sequential thought, Problem solving, Gross motor skills, Directional sense, Following directions

Littlecodr: Teaching Kids to Think Differently

Littlecodr is a card game that introduces young students to the basics of coding. These cards are great for ages 4 to 8 (but really anyone can use them)

Educational Benefits

Learning Style: Visual, Kinesthetic, Tactile

Skill Development: Critical thinking, Sequential thought, Problem solving, Gross motor skills, Directional sense, Following directions

Micro:bit

The BBC microbit is a pocket-sized computer designed for beginners in electronics and coding.

The micro:bit makes getting into these often daunting fields as easy as possible. Programming the micro:bit can be done by computer or by their intuitive app available for Android and iOS devices.

Code can be designed using a drag and drop interface in the Blocks editor, Javascript, or Python.
Makerspace Titles

Ozobot bit - Class Set
204055,KT
PJI 2018
Program like a pro.

It is easy to program Ozobot Bit. Students will control their robot with OzoCodes by simply drawing lines and color segments. Then they will advance to a visual block-based editor OzBlockly, with its many features and modes, taking them from Novice to Master in no time at all.

Attached as a pdf (see below)

A Pair of DASH Robots
204038,KT
PJI LA 2018
Dash is an exciting, hands-on learning tool for students.

Targeted at teaching creative problem solving, coding and robotics, Dash gives every student a head start on fundamental STEAM principles and 21st century skills.

Students send commands to robots to move them, light them up, and have them detect the world around them using coding and robotics applications.

Also included in the kit
Android tablets
DASH challenge cards

Tegu: Magnetic Blocks
999674,KT
PJ 2018
Tegu Blocks bring open-ended imaginative play to the classroom with the feel of all natural wood and the powerful wonder of magnets. The Classroom Kit allows small groups of children to build big and learn unique lessons from science to math to art.

Developed Over Time

Fine Motor Skills
Pattern Recognition
Balance
Scale
Imaginative Play
Problem Solving
Story Telling