NEW MAKERSPACE KITS NOW AVAILABLE AT THE DLC

MakerSpace kits are kits to introduce the <u>#MakerEd</u> mindset and to encourage creative thinking, which leads to tinkering and learning by doing.

<u>#MakerEd</u> <u>#InventToLearn</u> <u>#MakerSpace</u>

Maker Kit: Energy Conversion



Demonstrates the conversion between different forms of energy. It includes four devices for generating electrical energy from mechanical motion (hand generator), chemical energy (batteries), light (solar cell) and wind (windmill) and three devices for using electrical energy to generate light (LED) motion (motor) and sound (buzzer).

Suitability: Grade 3, 4, 5, 8, 9 Science.

Click to book this kit: http://media3.sd57.bc.ca/display/208?t=444834

Maker Kit: Simple Machines



LEGO set featuring 8 models that enable students to investigate and understand the operation of simple machines found in everyday life: pulleys, levers, gears, and wheels and axles.

Suitability: Grade K, 1, 2, 3, 4, 5, 6 Science, Math, Applied Design, Skills and Technology. Click to book this kit: <u>http://media3.sd57.bc.ca/display/208?t=444833</u>

Maker Kit: Barkless Blocks



Suitability: Grade K, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 Maker Education, Applied Design, Skills and Technologies. Click to book this kit: <u>http://media3.sd57.bc.ca/display/208?t=444846</u>

Maker Kit: Magna-Tiles



These unique tiles attract on all sides and combinations. A manipulative for spatial problemsolving tasks, logical thinking and math reasoning. Provide stimulus and right-side brain training through creative play and leads from two-dimensional to advanced 3-D thinking patterns.

Suitability: Grade K, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 Science, Math, Applied Design, Skills and Technology.

Click to book this kit: http://media3.sd57.bc.ca/display/208?t=444825

Maker Kit: Makey Makey



Suitability: Grade 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 Science, Math, Music, Applied Design, Skills and Technologies.

Click to book this kit: http://media3.sd57.bc.ca/display/208?t=444822

Go to <u>www.dlc.sd57.bc.ca</u> to find resources available at the District Learning Commons. Click on DLC Bookings to book your resources online or contact the Circulation Department of the District Learning Commons to book any resources.

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