

STEM WORKSHOPS

OZOBOTS AND CODING

Grades 2 & up - Learn the basics of coding with our Ozobot robots.

LITTLEBITS AND ELECTRICITY

Grades 3 & up - Learn the basics of electricity, circuits, and electrical engineering with our littleBits circuit kits.

ENGINEERING DESIGN PROCESS WORKSHOPS

PAPER STRUCTURES

Grades 2 & up - Student engineers will be challenged to construct the tallest freestanding structure that they can in a limited amount of time and with a limited amount of supplies.

CANDY SKYSCRAPERS

Grades 3 & up- Challenge your construction engineers with this sweet skyscraper-building workshop. Students will analyze the strength of different shapes, measure, collect data, and utilize their observations to construct a sturdy building that can withstand the forces of nature.

BUCKET TOWERS

Grades 4 & up- Students will collaborate in groups to design a tower that is sturdy and strong. Each tower will be put to the test - how many washers can we add before the tower collapses? Learn about 3D shapes, variables, and construction engineering.

MARBLE ZIPLINES

Grades 6 & up - Fight gravity in this STEM workshop designed to challenge your best engineers. Can you work as a group to build a safe yet fast zip line for your marble passenger? Use your math and engineering skills to safely deliver your marble to the landing zone.

SCIENCE WORKSHOPS

HOW DOES IT GROW?

Kindergarten - Can you believe how much your students grow in one year? Neither can we, which is why growth is a great topic for exploring what living things need to grow and survive. Build a window greenhouse for a seed and add everything it needs to grow.

SUN, MOON, AND STARS

1st Grade – What causes day and night? Why can we see different constellations at different times of the year? Aren't the Earth's rotation and revolution the same thing? Student will become astronomers as we answer these questions and more with a variety of hands-on activities.

WHAT'S THE MATTER?

2nd Grade- Explore properties of solids, liquids, and gases in this hands-on workshop about matter.

MAGNIFICENT MAGNETS

3rd Grade- From the refrigerator door to rollercoasters - magnets are everywhere! But what exactly is a magnet? Explore magnetism and its effects in this workshop.

