

Workshop descriptions

Grades K-2:

Fun with Fossils - room 10

Students will learn how fossils are formed. The lesson will include observing and touching various fossils, watching a fossilization demonstration, and the creating their own imprint fossil using different organic and inorganic materials.

Grades K-2:

Berry-Extraction-Action: Strawberry DNA - room 7 (and room 8)

DNA is a complex compound found in almost every cell in a living organism. You'll use household chemicals to separate DNA from strawberries.

Grades K-2:

Let it Rain - outdoor classroom

Meet at the benches and tables of Kenter's brand-new outdoor classroom. We'll be introduced to all of its features, including the thermometer/temperature gauge, barometer, and sundial. You'll learn how to use the sundial to determine the time. And have a demo on the formation of rain.

Grades K-2:

Catapulting Energy - room 9

Students will design and build their own rubberband catapult. This mini-design project will help students understand how the stored energy present in a rubber band and can be converted into motion or kinetic energy. Students will develop engineering skills as they build, test, and redesign their catapults.

Grades 3rd - 5th:

Death Star Destroyer - computer lab

Students will complete a real Star Wars-themed video game with multiple levels. It sounds impossible, but it's actually quite easy and fun! The workshop combines the principles of Coding and Game Design to make for a unique game creation experience.

Grades 3rd - 5th:

Shiny Slime and Fluffy Putty - room 101 (and room 102)

Join the craze over DIY slime and putty! Students will be making a slime and putty in a simple polymerization chemical reaction.

Grades 3rd - 5th:

The Big Cheese: Basics of Cheesemaking - room 103

Students will learn about the beginning process of making cheese through a chemical reaction between heavy cream and vinegar. Students will be using a digital scale to measure the liquids before mixing and after mixing to understand the Law of Conservation of Matter.

Grades 3rd - 5th:

What's Inside My Computer? - room 104

Students will learn about how a computer works, from the inside out. Computers will be cracked open, dissected and analyzed – all the parts inside the computer that make it run.