



**WORKSHOPS | GRADES K-1**  
**UP TO 30 PARTICIPANTS | 60 MINUTES | \$300 PER SESSION \***

**1. 3-2-1 Liftoff—Stomp Rockets**

Get ready for liftoff! Design, build and test your own rockets using a specially-engineered stomp rocket launch pad.

**2. Bounce and Roll**

Explore the scientific relationship between gravity, force and motion through various hands-on physics experiments. Engineer ramps, knock down bowling pins and make a bouncy ball to take home!

**3. Bubbleology**

Pop! Mix up your own bubble solution, create and test unique bubble wands, and observe a giant bubble from the inside!

**4. Build It**

What can you build? Learn about engineering, math, and architecture as you complete multiple building challenges including recreating famous structures from around the world.

**5. Coding with Kibo**

Meet Kibo, a robot that introduces young scientists to coding using blocks! Build and program your robot to complete a series of movements and sounds.



## 6. **Colorful Chemistry**

Join our journey of rainbow science as we mix up colorful art, color-changing chemistry experiments and make a lava lamp to take home.

## 7. **Insectarium**

Play a game to 'find your kind', compare and contrast different species' life cycles, and explore the characteristics that make an insect!

## 8. **Junior Detectives**

Who stole the cookies from the cookie jar? Learn how to analyze fingerprints and use detective tools, then use those skills to solve the cookie jar mystery!

## 9. **Light and Shadows**

Discover the characteristics of light and shadows by hunting for shadows, exploring light mixing and creating shadows with a variety of objects.

## 10. **Scribble Bots**

Use the engineering design process to brainstorm, build and decorate a Scribble Bot. What unique designs can your robot scribble?

## 11. **Solar Science**

Explore the star that provides light, heat and energy. Safely observe the Sun with solar telescopes and create art projects that harness its power!

## 12. **Space Explorers**

Explore your favorite planets and stars in space! Learn how to use a real telescope, build a constellation viewer and see the Moon up-close.

## 13. **Stomach This**

Explore the longest system in the human body: the digestive system! This hands-on program illustrates how food travels through our bodies and gives us the nutrients we need to survive.

## 14. **Whirly, Twirly, Flying Things**

Design soaring helicopters and test them out in our specially-engineered wind tunnel.