



WORKSHOPS | GRADES 6-8

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. 3-2-1 Liftoff—Soda Bottle Rockets

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

3. Awesome Anatomy

Work in small groups to learn proper dissection techniques and etiquette to explore the anatomy of real specimens! Please inquire about current availability for:

- Squid Dissection | Additional \$75 per Session
- Cow Eye Dissection | Additional \$75 per Session
- Fish Taxonomy (3 Types of Fish) | Additional \$175 per Session

4. Battlebots

Explore coding and engineering design principles by arming a Sphero robot. Teams will work collaboratively to prepare their robot for battle!

**Note: This program requires ample floor space.*

5. Engineer a Rescue

Use principles of physics and engineering to design and build a zipline to get your animal across different terrains. Can your team successfully engineer a safe rescue?



6. Level Up with Bloxels

Work in groups to build a video game character and the world they live in using Bloxels (pixel blocks). Then, bring your creations to life and test out your unique-to-you video game!

7. Roller Coasters

Explore the concepts of gravity, motion and energy while completing various roller coaster design challenges—including loops and corkscrews!

8. The Power of a Drop

Water is a commodity that can't be wasted! Use planning, prototyping and teamwork to help Arizona's urban and rural communities utilize their water sources.

Generously Supported by Central Arizona Water Project.

9. Zombie MD

A zombie virus has infected your class! Learn about epidemiology by working as a class to track the spread of the virus. Then, work in small groups to create a vaccine.