



AEROSPACE

STEM Discovery Toolkit

Have fun engineering, designing, and building your own duct tape rocket. Launch your rockets to find out how far and high yours can go!

Lessons Included:

- Constellation Finders
- Straw Rockets
- Duct Tape Rockets

Life Skills Objectives:

Youth will gain critical thinking and problem solving skills by engaging in hands-on experiential learning experiences.

Learning Science Through Inquiry:

Students will use a protractor to measure the angle of trajectory, identify the PSI (pounds per square inch) of pressure, as well as measure the distance travelled.

To request a STEM Discovery Toolkit fill out the [Check Out Request Form](#)

What's Inside?

- ⇒ Bike Pump Launchers
- ⇒ Foot Pump Launchers
- ⇒ PVC Pipe
- ⇒ Duct Tape
- ⇒ Paper
- ⇒ Additional Supplies



For more information about STEM opportunities from UW-Extension, or to request a STEM Discovery Toolkit, contact Annie Lisowski, 4-H & Youth Development Educator, 608-685-6256 or email annie.lisowski@ces.uwex.edu