



CATAPULTS

STEM Discovery Toolkit

Launch into learning! Take aim and watch your projectile fly through the air at your intended target! Test to see how accurate your design is!

Lessons Included:

- Spoon Catapults
- Catapult Addition
- Clothespin Catapults

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 the lever, the velocity of the projectile launched while learning about Newton's first law which states an object in motion stays in motion and the three primary energy storage mechanisms of catapults which are tension, torsion, and gravity.

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

What's Inside?

- ⇒ Popsicle Sticks
- ⇒ Rubber Bands
- ⇒ Spoons
- ⇒ Balls and Marbles
- ⇒ 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