



TREBUCHETS

STEM Discovery Toolkit

Travel back in time to engineer one of the Medieval siege weapons used during the Middle Ages. Create your design to be capable of hurling heavy stones with the perfect aim.

Lessons Included:

- Medieval Trebuchets
- How to build a trebuchet
- Sinking the Fleet

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 the energy from a falling counterweight to launch a projectile, use a protractor to measure the angle of the initial release position, and alter variables such as the distance between the fulcrum (the point on which a lever rests) and the projectile to achieve optimal results.

What's Inside?

- ⇒ Tape
- ⇒ Metal Washers
- ⇒ Wooden Dowels
- ⇒ 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@wisc.edu

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



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