



Educator Training

Mousetrap Powered Cars

This workshop is for educators and volunteers interested in a fun, hands-on project for youth to design and build a small car powered by a mousetrap. After completing their car kids will modify their design and experiment with different features to make the car go as far as possible.

This curriculum gives a Maker/engineering experience suitable for 4-H Clubs, 4-H SPINs, Afterschool programs and Classrooms.

Curriculum:

- For youth ages 10-15+
- Provides 6 – 12+ hours of programming
- Activities include:
 - Building a car
 - Adding a mousetrap for power
 - Modifying and improving my cars design
 - Building a distance racer
 - Presenting my car

Distance Contest: The curriculum includes guidelines to organize a simple Distance contest to be held in your club or classroom. There may be local 4-H Mousetrap Car Distance Challenge Contests near you and at New Hampshire 4-H State Activities Day this spring. Contact your local 4-H Program staff for more info.



UNH Cooperative Extension is an equal opportunity educator and employer. University of New Hampshire, U.S. Department of Agriculture and NH Counties cooperating.

Teachers!

Mousetrap Powered Cars is designed for learners to utilize many of the **NGSS Science Practices.**

CLASSES ARE OFFERED AT DIFFERENT LOCATIONS & TIMES FOR YOUR CONVENIENCE			
DATE	TIME	LOCATION	CONTACT
Tuesday, January 10 th	11:00 AM – 2:00 PM	Dover Public Library 73 Locust St. Dover, NH (in the Trustees Room)	Kristin Landau kristen.landau@unh.edu 603-749-4445
Saturday, January 28 th	9:00 AM- 12:00 PM	Meredith Community Center, 1 Circle Dr., Meredith, NH	Amy Jennings amy.jennings@unh.edu 603-527-5475
Wednesday, February 1 st	4:00 PM- 7:00 PM	Epiphany Episcopal Church 65 Park St, Newport, NH	Robin Luther robin.luther@unh.edu 603-863-9200

Please RSVP 1 Week Prior to the Training Session!

