



Educator Training

Mousetrap Powered Cars

This workshop is for educators 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 the car's design
 - Building a distance racer
 - Presenting the 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.

for
**4-H Volunteers,
Afterschool
Professionals,
Teachers**

Teachers!

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

February 10, 2017
5:30pm – 8:30pm
Dinner will be provided.

Haverhill Cooperative Middle School
175 Morrill Drive
North Haverhill, NH 03774

For more information and to register by February 7 for this FREE training, please contact the UNH Cooperative Extension office at 603-787-6944 or Ce.grafton@unh.edu.



This workshop is paid for and sponsored by UNH Cooperative Extension

