



# 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 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.

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

### Teachers!

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

**Wednesday, February 1, 2017**

**4pm – 7:30pm**

**SRVRTC – Lou Thompson Room**

**243 North Main Street**

**Newport, NH 03773**

Register at <http://bit.ly/2gG0BDk>

For more info contact:

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This workshop is paid for and sponsored by UNH Cooperative Extension

*Light Supper will be provided.*

