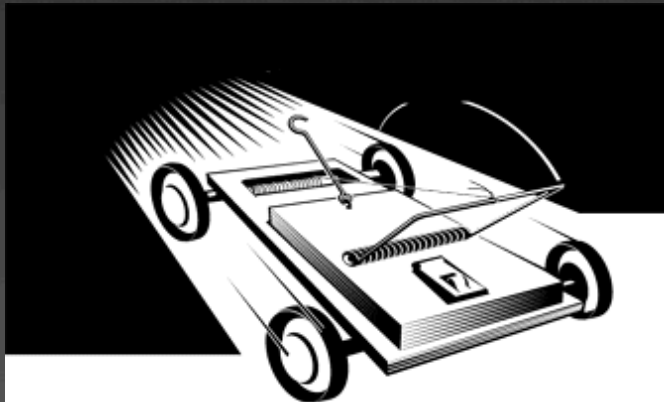


Mousetrap Powered Vehicles (MPV)



The Challenge!

- **Your task is to design and construct a vehicle powered by a mousetrap spring. The finished vehicle is to be entered into a competition against those vehicles made by your classmates.**
-

Energy

- Energy is the capacity to do work
 - Without energy, technology would not exist!
-

Types of Energy

■ Potential

- stored energy
(example: a wound-up rubber band on a toy airplane)

■ Kinetic

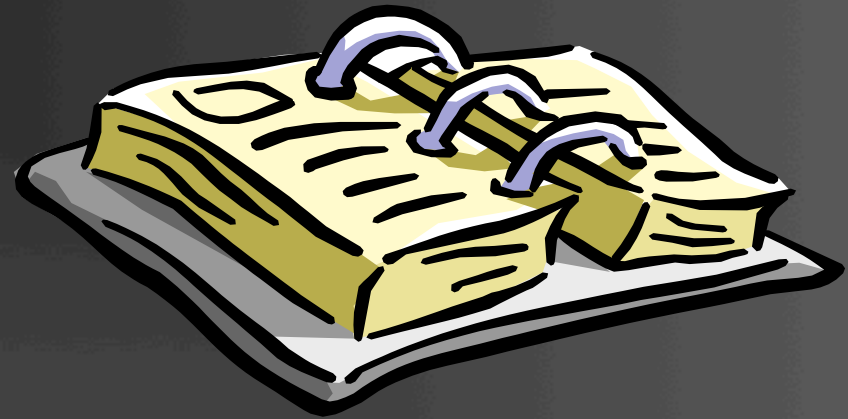
- the energy of motion
(when you release the rubber band)
-

Friction

- What is friction?
 - Why do we need to overcome its force?
-

Daily Logs

- Each day you are required to fill out a daily log that documents your daily progress and goals.
- Each student is responsible for their own daily log



Your Guide

- For a guide to the MPV Challenge, go to:
 - www.sartoritechnology.com
 - Intro to Technology Page
 - Go to the MPV Page and follow the procedures.
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Good Luck!

