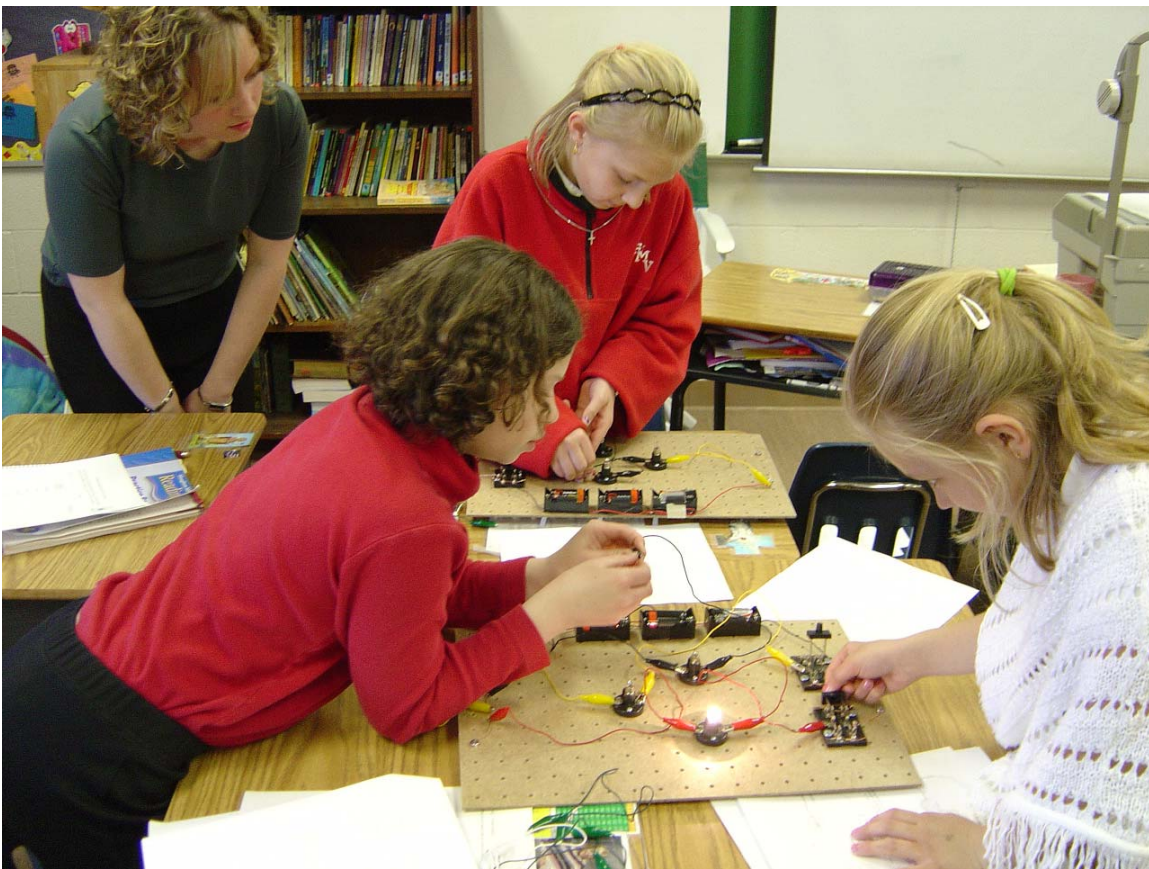


ENGR 2020 / 3030 / 4040 Service Learning Engineering Design

Engineering and education students enrolled in the ENGR 2020 / 3030 / 4040 courses during the Spring 2005 semester designed science experiments dealing with overcoming friction and gravitational forces, and working with electrical circuits. These experiments were tested in a 4th grade classroom, and suggestions for improvements and enhancements were documented. Examples of the experiments in use are shown below.



Working with Electrical Circuits



Using the Student Designed Hovercraft to Levitate 4th Grade Students