FLUIDS / WATER SYSTEMS

Water Slide Tycoon

In this workshop, students will design and create a "Rube Goldberg" device that shows fluid energy. Concepts of pneumatic, hydraulic, and fluid flow will be discussed as well as comparisons to living systems. They will be challenged using the engineering design process to build hydraulic ramps, traps, lifts, etc. as well as simple machines in their creation.

SYSTEMS IN ACTION

You Can Add Arm

In this workshop, students design and create a device that will move an object from one place to another. They will be encouraged to describe the function of each component part, and examine the effects of making a change to one or more of the components.

BOOK YOUR WORKSHOP TODAY!
ALL MATERIALS PROVIDED AND SHIPPED AT NO COST TO SCHOOLS
Email us to book your workshop!
aboriginal.access.outreach@queensu.ca