



### **Hillsborough County 4-H LEGO Simple Machines at MOSI**

Appropriate for students age 8-14 years old

The Lego Simple Machines activities is designed for grades 2-8. The students will work in pairs to build, investigate, and learn from the models. Each activity encourages the students to involve themselves in real world investigations and and problem solving. They will make assumptions or predictions, then build the models and observe the behavior of the models; they reflect the redesign, record and present their findings.

**Class Time:** 1 pm - 3 pm in the MOSI Center for Learning Building

#### **Class Dates:**

Tuesday, September 17, 2024: Gears and Pulleys

Tuesday, September 24, 2024: Wheels and Axles

Tuesday, October 22, 2024: Power Cars

Tuesday, October 29, 2024: Drag Racers

Tuesday, November 12, 2024: The Walker

Tuesday, November 19, 2024: Solar Cars

**MOSI fee per student for each program series of 6 classes:**

**Program Fee - \$60**

**MOSI Member - \$50**

