



## **Hillsborough County 4-H LEGO Robotics Class at MOSI**

Appropriate for students age 8-14 years old

The 4-H Robotics curriculum uses robotics as a means of engaging youth and developing interesting and challenging experiences with science, engineering, and technology. It also uses a variety of media and means to engage youth.

### *4-H Robotics:*

- Build understanding of basic science concepts related to robotics.
- Apply the processes of scientific inquiry and engineering design.
- Build skills in science, engineering and technology.
- Use the tools of technology to enhance their learning.
- Explore related careers; and
- Apply the skills and knowledge they are developing to new challenges

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

### **Class Dates:**

Tuesday, January 21, 2025: Intro to Robotics

Tuesday, January 28, 2025: Robot Programming

Tuesday, February 18, 2025: Robot Programming

Tuesday, February 25, 2025: Robot Programming

Tuesday, March 11, 2025: Build LEGO Sugo bots

Tuesday, March 25, 2025: Build LEGO Sugo Bots

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

**Program Fee - \$60**

**MOSI Member - \$50**

