

STEM Programs - Fall 2022 - REVISED

LEGO® Robotics and Coding - Adventures



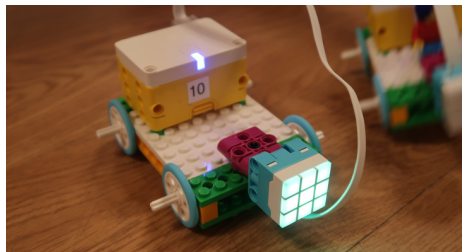
Grades 2 - 4

Thursdays 5:00 - 6:00 pm

10/6, 10/13, 10/20, 10/27, 11/10 and 11/17 (skip 11/3)

This fun, interactive program will introduce students to coding and robotics using the LEGO® Education Robotics Construction Sets. Children will learn basic programming skills, simple engineering concepts, and the names of the robotic components. They will work in teams of 2 on guided projects building models, attaching sensors and motors, and using a computer to program the model's behavior. Children will gain confidence and understanding as they build and code their robots.

LEGO® Robotics and Coding with Scratch MIT - On the Go



Grades 3 to 5

Thursdays, 6:15 - 7:15 pm

10/6, 10/13, 10/20, 10/27, 11/10 and 11/17 (skip 11/3)

This fun and interactive program explores many aspects of STEM using LEGO® Essential Education Robotics Construction Sets. Focusing on means of transportation, students will work in pairs to build prototypes as they learn the engineering design process. They will then code their designs with Scratch MIT, a block-based code, to perform various tasks and functions. Young engineers will construct ships and helicopters as they learn and refine their observation, problem-solving, and team-building skills.

\$155/student

Limited space, 8 students max

Register at:

<https://hazlet.recdesk.com/Community/Home>

**Location: James J. Cullen Community Center
1776 Union Ave., Hazlet**



We help children grow into creators.