



# STEM Programs - Fall 2024

## LEGO® Robotics and Coding - Adventures



### Grades 2 - 3

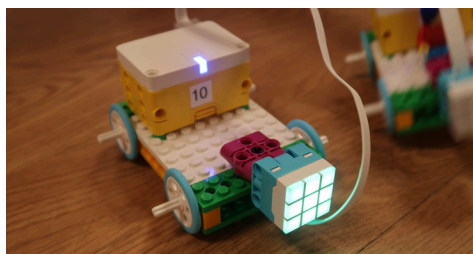
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Mondays, 4:30 pm - 5:30 pm

Dates - 9/23, 9/30, 10/7, 10/14, 10/21 and 10/28

Enhance your child's STEM knowledge while building and programming their own robots, unleashing their creativity along the way. This fun, interactive program will introduce students to robotics and coding using LEGO® Spike Essential Robotics Sets. Working in pairs, students will acquire basic programming skills and will be introduced to fundamental engineering concepts by constructing models, utilizing sensors and motors and then coding their builds to perform various functions. Join us for an inspiring journey!

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



### Grades 3 - 5

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Mondays, 5:45 pm - 6:45 pm

Dates - 9/23, 9/30, 10/7, 10/14, 10/21 and 10/28

This fun and interactive program explores many aspects of STEM using LEGO® Spike Essential Robotics 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 problem-solving skills while challenging their creativity. Join us for an inspiring journey!

\$195/student  
Limited space, 10 students max

Register online at:  
<https://register.communitypass.net/LeoniaRecreation>

Location: Leonia Recreation Center, 370 Broad Avenue, Leonia



**We help children grow into creators.**