

Afterschool Club STEM Engineer projects @ Wyngate E.S.- Robotics/ Programming/Structures/RC Rovers...

Kindergarten through 5th Grade

Winter Session (10 weeks - January-Mar \$240)



STEM Afterschool Club @ your School

K - 1st Grade: Electronic Lab/Structures/RC Rovers

Fun, hands-on activities and projects.

Build model bridges and learn about different types of bridges

Explore electrical components like resistors, capacitors, and diodes, and their applications

Build and control electronic circuits using remote-controlled robots

2nd - 5th Grade: Robotics/Programming

Complete basic Cyberbot tasks using Makecode (graphical)

Introduction to Python syntax and programming basics

Develop simple Python programs for Cyberbots

Combine graphical and text-based programming concepts

Thursday: Jan 23, 30, Feb 6, 13, 20, 27, Mar 6, 13, 20, 27

Location: School classroom

How much: Winter Session \$240/participant (all materials included)



Saturday Program: (Winter/Session)

K - 8th grade

Join Our Saturday STEM Adventure!

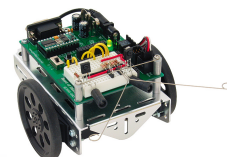
Dive into the exciting world of electronics, robotics, and engineering! Our two-hour Saturday class offers hands-on activities where students in pre-K to 8th grade can learn programming with Microbits, explore robotics, and create model bridges. Kids will develop critical thinking and problem-solving skills while having fun and building confidence. Perfect for young innovators eager to explore and create!

Time: 10:00 am - 12:00 pm

Duration: 10 weeks

Cost: \$395

Location: Cabin John Middle School
10701 Gainsborough Rd, Potomac, MD 20854



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