

STEM for kids

Engineering • Robotics • Computer Programming

Thursdays (located in the respective schools) \$110 for 6 weeks
Sept 12, 19, 26, Oct 3, 10, 17 2:35- 4:00 (K-5); 3:30-4:45 (6-8)

*We will have a 10 min snack break (please provide a weekly nut-free snack)

Register at www.stemforkidsstateline.net

**WELCOME
BACK! LET
THE STEM
FUN
BEGIN!**

**ALL NEW
CURRICULA!**

Coding is FUN!



**Ledgewood
Kindergarten & First Grade**

Explore the world of coding and the many ways it is used to express our imaginations and ideas. Participants will spend time learning the foundational coding skills and build their collaboration, creativity, critical thinking, and communication skills, all while having a blast with code!

The program is designed to energize young scientists and engineers to think about work, energy, and ways to make work easier! Join

us on an exciting series of engineering design challenges where participants explore potential and kinetic energy as

they design and build their fastest, coolest and longest rollercoasters! Participants will learn about energy transformation and simple machines through the following activities: Catapulting Fun, Simple Machines Scavenger Hunt, and Roller Coaster Challenges.

Roller Coaster Design Lab

**Stone Creek School
Second & Third Grades**



Designing Robots



**Kinnickinnick School
Fourth & Fifth Grades**

Take on robotic challenges to build and code robots that solve problems. Participants will discover that beyond entertaining us, robots are an amazing way to solve many of the issues we deal with. After some review of the crucial parts in robotics (sensors, motors, and code), students will work collaboratively to come up with original robot designs and codes.

MINECRAFT.EDU: MAD SCIENTIST

This education edition of Minecraft specifically targets skill building with open-ended fun. This immersive environment makes the perfect collaboration of STEM and fun in a world many already know and love. The primary focus of this program will be incorporating code and chemistry to make their worlds interactive.

**Roscoe Middle
School
6th- 8th grades**

