



FOR YOUTH DEVELOPMENT®
FOR HEALTHY LIVING
FOR SOCIAL RESPONSIBILITY

YOUTH STEM CLASSES

IMAGINE • BUILD • DISCOVER

SCIENCE BLAST OFF (ages 4-6)

Science is as much about the process as it is about the results. Measuring, scooping, stirring and messy hands are all part of the experience. Each week your child will take part in conducting a new science experiment sure to be awe-inspiring.

(430) Friday 9:30-10:15 a.m.

FEE: \$40 member \$80 non-member

ROBOTICS WORKSHOP (ages 8-11)

Using LEGO MINDSTORMS robot kits, your child will design and build robots to solve different space challenges. Like scientists and engineers, kids work through challenging projects that integrate science, technology, engineering and math concepts, while promoting problem solving, communication and teamwork.

(ROBOT) Saturday, January 23 1-4 p.m.
Sunday, February 21 1-4 p.m.
Tuesday, March 29 9 a.m. to noon

FEE: \$36 member \$48 non-member

MINECRAFT ENGINEERING WORKSHOP (ages 8-12)

Your child will work with the format of core engineering-themed programs based on the world of Minecraft to build a walking creeper and Minecraft redstone. Kids explore real-world concepts in physics, engineering, electricity and architecture while having a blast. No prior experience with Minecraft or LEGO MINDSTORMS is needed.

(MINE) Sunday, January 31 1-4 p.m.
Sunday, February 28 1-4 p.m.

FEE: \$48 member \$60 non-member



STOP AND GO LIGHT! (age 9 and older)

Your child will learn the basics of soldering with the Stop and Go Kit, which consists of electrical components and Legos. Using the skills learned in this workshop, your child will build a functioning stoplight that they can take home.

(STOPGO) Saturday, March 12 2-5 p.m.

FEE: \$45 member \$55 non-member

**STOP BY OUR MEMBER WELCOME
CENTER TO REGISTER.**

B.R. RYALL YMCA
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