



FOR YOUTH DEVELOPMENT®  
FOR HEALTHY LIVING  
FOR SOCIAL RESPONSIBILITY

# EXPLORE LEARN CREATE

## STEM ACADEMY

Are you interested in preparing your kids for the future? Sign up for our STEM programs and spark your child's creativity and empower their inner engineer. These programs are held at the CT STEM Academy at 91 Main Street in South Meriden. Register at the Meriden YMCA at 110 West Main Street.

### CUBELETS EXPLORATION

You don't need to be an expert programmer to build novel robotic inventions with cubelets. These easy to use magnetic blocks snap together and allow students to build whatever robot they can imagine! The unique design lets young inventors try out many different circuits to elicit new and exciting robot behaviors. Come explore this new offering!

When: Monday February 18, 2019, 6:00 to 7:15 p.m.

Fee: \$10

Ages: 9 to 13



### OZOBOTS

Did you know that computing related jobs are one of the fastest growing STEM related careers? Join us for an engaging introduction to computer science with coding and our Ozobot robots. Participants will code a robot both on paper with markers, as well as online through a web-based program called Ozoblockly.

When: Mondays 6:00 - 7:15 p.m. February 25 and March 4, 11, 18 and 25.

Fee: \$40.

Ages: 8 to 12.



**Questions:** Contact Chris Stone @cstone@meridenymca.org

Thank you to our supporters



**MERIDEN YMCA**  
110 West Main Street  
Meriden CT 06451  
203 235 6386  
www.nbbymca.org

**NEW BRITAIN YMCA**  
50 High Street  
New Britain CT 06051  
860 229 3787  
www.nbbymca.org

**BERLIN YMCA**  
362 Main Street  
Berlin CT 06037  
860 357 2717  
www.meridenymca.org



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### LEGO MINDSTORMS ROBOTICS

The great minds at LEGO have provided the tools and means for us to use their fun kits to do more advanced STEM and computer science. LEGO Mindstorms are a great facet for students to explore a different side of robotics that includes interesting building challenges, programming, and innovative thinking with high interest materials.

When: Wednesdays 6:00 - 7:15 p.m. February 27 and March 6, 13, 20, 27

Fee: \$45

Ages: 9 to 13

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### SATURDAY SCIENCE

There's nothing like some science to kick off the weekend! Saturday Science programs will involve exciting projects for students to burn off some of that built up energy from the week. Activities will include exciting and engaging science labs for kids to collaborate on.

- Dates: March 9
- Day/Time: Saturday 10:00-11:15 am
- Fee: \$10
- Ages: 8 to 12

### TECH IT UP

Do you like to explore science, solve problems and use technology? If you do, then STEM Academy is the perfect place for you! Join us for an engaging session of exploring many different STEM Challenges through hands-on investigations. Our session will include high interest materials such as Cubelets and Makey Makey!

- Dates: April 1 and 8
- Day/Time: Mondays 6:00 to 7:15 p.m.
- Fee: \$20
- Ages: 8 to 12

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## BALLHEADZ SATURDAY STEM ACADEMY

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### MAKE AND TAKE FUN

Do you like to solve problems? Are you interested in doing science? Do you want to code a robot? If so, then you'll want to sign up for Ball Headz Saturday STEM Academy! During this session, participants will make and take creations such as lava lamps, slime, race cars and more. This is a collaborative program with Ball Headz and Justin Mitchell.

- Dates: March 16, 23, 30 April 6 and 13
- Day/Time: Saturdays 10:00 to 11:15
- Fee: \$40
- Ages 8 to 13

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