



# CT STEM ACADEMY

## One Day, Friday and Saturday In Person Programs Spring 2021 Sessions



Meeting Locations are noted in the description. To view more Spring 2021 STEM Virtual Course Offerings, and for All Registrations, visit us at [www.wallingfordrec.com](http://www.wallingfordrec.com).

### Friday Night Science Fun Course Number 2005. Ages 8-12

*Fridays – See Selected Dates Below*  
6:00 – 7:00 p.m.

#### Location: Outdoors @ Community Lake Pavilion

*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. If inclement weather, program will be moved to Wallingford Park and Rec STEM Room*  
**Cost: \$15 per session**

#### Friday, May 14 - Popsicle Stick Bridges 2005.226

*Participants will create structures to hold weight and allow a vehicle to travel across it.*

#### Friday, May 21 - Chemistry 2005.227

*Participants will engage in a fun hands-on chemistry experiment.*

#### Friday, June 4 - Roller Coasters 2005.228

*Participants will envision and design a paper roller coaster.*

#### Friday, June 11 - Film Canister Rockets 2005.229

*Participants will build and conduct multiple trials as they launch a film canister rocket*

### Exploring the Natural World

Course Number 2005.205

Ages 9-14

Saturdays: 4/24, 5/1, 5/8

10:00 a.m. to 11:15 a.m.

#### Location: Bertini Park, West Dayton Hill Road

*Its Spring! The sun is shining and the plants are growing! In this program, participants will get outside and learn about various plants and animals that inhabit the world around them. Participants will also collect, observe and identify plants, rocks and minerals. Come on out and see what nature has to offer!*

**Cost: \$32**

### Lego Robotics for Ages 7 and 8

Course Number 2005.204

Ages 7 and 8

Fridays, 3/12, 3/19, 3/26

6:00 p.m. to 7:15 p.m.

#### Location: Wallingford Parks and Rec STEM Room

*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.*

**Cost: \$32**

### VEX IQ Robotics for Beginners

Course Number 2005.201

Ages 9-13

Fridays, 4/9, 4/23, 4/30, 5/7

6:00 p.m. to 7:00 p.m.

#### Location: Wallingford Parks and Rec STEM Room

*Join us for an introduction to our VEX IQ robotics program. No experience necessary. This club is high commitment and high reward. Our program encourages teamwork, problem solving, and leadership skills. The students will be using the VEX IQ robotics system to learn the basics of building a robot, while also learning other STEM applications. Ages 7 and 8 may register with prior robotics experience*

**Cost: \$40**

### Coding: Music and Sound

Course Number 2006.230

Ages 8-13

Saturdays: 4/24, 5/1, 5/8

12:30 p.m. to 1:30 p.m.

#### Location: Online/Virtual Offering

*Do you like creating your own music? If so, join us for this new class where students will use code to play musical notes, create a music video and an interactive music display. No previous experience required! Join us for this STEAM fun session! Upon registration, course Google Meet code will be shared with participants*

**Cost: \$32**

**Additional Spring listings, and Summer STEM Camp information, can be found on [wallingfordrec.com](http://wallingfordrec.com), [www.ctstemacademy.org](http://www.ctstemacademy.org) and on Facebook & Twitter @ctstem.**



CT STEM ACADEMY

# CT STEM ACADEMY

## Spring 2021 Vacation Week

### In Person Programs



CT STEM ACADEMY

Meeting Location will be at the Wallingford Parks and Recreation Department, 6 Fairfield Blvd. All Registration can be completed online at [www.wallingfordrec.com](http://www.wallingfordrec.com). All programs may be held with a combination of indoor and outdoor activities depending on weather.

#### Experimental Design Session

Course Number 2005.211

Ages 9 to 14

Spring Break – Monday, April 12, 2021

9:00 a.m. to 12:00 p.m.

**Location: Wallingford Parks and Rec STEM Room**

*Are you interested in being in the next generation of creators and inventors? In our experimental design program, students will investigate with engaging hands-on challenges such as creating structures, simple machines and protective equipment.*

**Cost: \$38**

Ages 5 and 6 STEM

Course Number 2005.207

Ages 5 and 6

Spring Break – Wednesday, April 14, 2021

Time 10:00 a.m. to 12:00 p.m.

**Location: Wallingford Parks and Rec STEM Room**

*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.*

**Cost: \$30**

Fun with Chemistry

Course Number 2005.212

Ages 9 to 14

Spring Break - Friday, April 16, 2021

Time: 9:00 a.m. to 12:00 p.m.

**Location: Wallingford Park and Rec STEM Room**

*Calling all Junior Chemists! Participants who join will experience how different substances react with one another. Some experiments may include: making different foods like ice cream; high flying reactions like film canister rockets; or colorful creations like slime and lava lamps.*

**Cost: \$38**

STEM Explorations – One Day Camp

Course Number: 2005.231

Ages 9 to 14

Spring Break – Tuesday, April 13, 2021

Time: 9:00 a.m. to 12:00 p.m.

*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. Participants will be grouped based upon experience and/or age.*

**Cost: \$38**

Ages 7 and 8 STEM

Course Number 2005.206

Ages 7 and 8

Spring Break - Thursday, April 15, 2021

Time: 10:00 a.m. to 12:00 p.m.

**Location: Wallingford Parks and Rec STEM Room**

*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 Legos, K'NEX, and Botley. Young children can learn to code with Botley in an easy and fun way.*

**Cost: \$30**

Rocketry

Course Number 2005.220

Ages 8-13

Spring Break – Friday, April 16, 2021

1:00 p.m. to 4:00 p.m.

**Location: Wallingford Parks and Rec STEM Room**

*In 3...2...1...BLAST OFF! In this STEM program, students will act as true NASA employees as they investigate various types of rockets. Participants will have the opportunity to build small rockets from household materials that they can launch at home, eventually building up to a well-designed rocket that will be launched from our own high pressure air compressor. Get ready to blast off with this exciting program!*

**Cost: \$38**

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