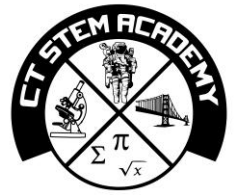




CT STEM ACADEMY SUMMER 2025 PROGRAMS



Programs will be at 6 Fairfield Blvd or 284 Washington Street (CT STEM Academy)
Location will be listed in online registration description.
Full day camps require students to bring a morning snack and lunch.

Robotics Camp I for Ages 9 to 14
Course Number: 2005.330
June 16, 9am to 3pm Only
284 Washington Street
Cost: \$55

Have you been curious about robotics but haven't had the chance to dive in? Now's your chance! Join us for our *Robotics Camp* —no prior experience needed. Whether you're brand new to robotics or just eager to learn more, this camp is the perfect place to get started! You will explore coding, build robots and engage in fun challenges. Come join us for an adventure in robotics, and let's build, code, and explore together!



Chemistry Explorations
Course Number 2005.316
Ages 8 to 14
June 17, 9am to 12pm only
284 Washington Street
Cost: \$38

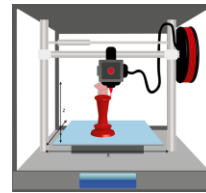
Dive into fun experiments like making slime, creating elephant toothpaste, and crafting glowing lava lamps. They'll explore chemical reactions, learn about polymers, and discover the science behind these amazing creations.

STEAM Explorations I for Ages 8 to 14
Course 2005.325
July 1 Only – Half Day Only
9am to 12pm
284 Washington Street
Cost: \$95

This is a fun program for all who are interested in Art connections to STEM. Each day we will explore a wide range of topics from Robotics, Science, Engineering, Art and Math that will result in a variety of Make and Take projects including Chemistry projects! This program will be high engagement, hands-on, and interactive!

3D Printing
Course Number: 2005.339
Dates: June 17 to 20 (Tues. to Fri.)
Times: 1pm to 3:30 p.m.
284 Washington Street
Cost: \$110

Interested in 3D Printing? In this program, participants will use 3D modeling tool that encourages users to learn math, computational thinking and coding concepts through visualization and designing models to be 3D printed. Each participant will receive at least one 3D printed model at the end of this program. Prior program participants are welcome as this program will differentiate for experience level.

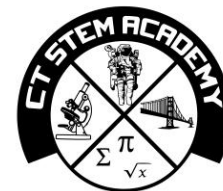


Robotics Camp for Ages 7, 8, 9
Course Number: 2005.301
June 23 to June 26 (M to Th Only)
1 to 3:30 pm daily
284 Washington Street
Cost: \$120

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 WeDo and LEGO Mindstorms are a great way for students to explore a different side of robotics that includes engineering through interesting building challenges, programming, and innovative thinking with high interest materials.



CT STEM ACADEMY SUMMER 2025 PROGRAMS



Programs will be at 6 Fairfield Blvd or 284 Washington Street (CT STEM Academy)

Location will be listed in online registration description.

Full day camps require students to bring a morning snack and lunch.

Video Game Design for Ages 9 to 14

Course Number: 2005.355

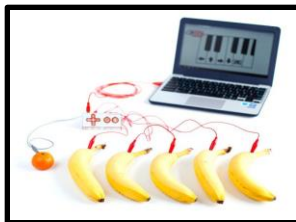
July 2 and 3 (Wed. to Thurs.)

9am to 3pm

284 Washington Street

Cost: \$95

In this class, students will explore the wonderful world of video game design. Students will learn key concepts of coding on Google CS First and use Scratch block coding platform to create their own video games. They can share their video games with friends and family and continue adding to them after the program is over.



STEM Camp Ages 7 and 8

Course Number: 2005.307

July 7 to July 11, 1pm to 3pm

Course Number: 2005.308

July 21 to July 25, 1pm to 3pm

6 Fairfield Blvd.

Cost: \$120

Join us for an engaging session of exploring many different STEAM Challenges both engineering and technology through hands-on investigations. Students will be given building challenges, coding workshops, and math games to enhance STEM learning! Our session will include high interest! **Each session will offer different activities and topics from previous years.**

Robotics Camp II for Ages 9 to 14

Course Number: 2005.303

July 14 to 17 (Mon. to Thurs.)

1pm to 4pm

284 Washington Street

Cost: \$110

Have you been curious about robotics but haven't had the chance to dive in? Now's your chance! Join us for our *Robotics Camp* —no prior experience needed. Whether you're brand new to robotics or just eager to learn more, this camp is the perfect place to get started! You will explore coding, build robots and engage in fun challenges. Participants will explore these platforms: Lego Robotics, UB Tech Robotics, Ozobot, Sphero and Makey Makey. Come join us for an adventure in robotics, and let's build, code, and explore together!



STEM Camp Ages 5 and 6

Course Number: 2005.305

July 7 to July 11, 10am to 12pm

Course Number: 2005.306

July 21 to July 25, 10am to 12pm

6 Fairfield Blvd.

Cost: \$120

This camp will challenge students to address real world engineering problems! Students will be creating solutions, building models, and working together to explore science, technology, engineering and math. Join us for an engaging session of exploring many different STEAM Challenges through hands-on investigations. Our session will include high interest materials such as Snap Circuits, Ozobots, and Rockets! **Each session will offer different activities and topics from previous years.**



CT STEM ACADEMY SUMMER 2025 PROGRAMS



Programs will be at 6 Fairfield Blvd or 284 Washington Street (CT STEM Academy). Location will be listed in online registration description. Full day camps require students to bring a morning snack and lunch.

STEAM Explorations II for Ages 8 to 14 STEM
Course Number: 2005.332 (FD) or 2005.333 (HD)
July 21 to July 25
9am to 3pm Full Day (FD)
9am to 12pm Half Day (HD)
284 Washington Street
Cost: \$240 Full Day or \$150 Half Day

Ever wonder how a rocket launches into space? Or how Bridges can hold many tons of weight? Join us for an engaging session of exploring many different STEM Challenges both engineering and technology through hands-on investigations. Our session will include high interest materials such as Rocketry, Chemistry, K’NEX Challenges, and Robotics! **Activities, and groupings, will be varied to meet the needs of all participants.**

Challenges will be different from past STEM Exploration Camps.

STEAM Sprouts: An Ages 4 and 5 Program
Course Number: 2005.309
June 23 to 26 (Mon. to Thurs.)
284 Washington Street
Course Number: 2005.310
July 28 to July 31 (Mon. to Thurs.)
6 Fairfield Blvd.
10am to 11:30am - Both Sessions
Cost: \$80 per session

Let your child explore the exciting world of STEAM with STEAM Sprouts! This fun, hands-on program is designed to introduce young minds to the wonders of Science, Technology, Engineering, Art, and Math through interactive activities. From building simple structures with blocks to exploring color mixing and fun science experiments, each activity sparks creativity and curiosity in a playful, age-appropriate way. With plenty of opportunities to explore, imagine, and create, your child will gain early exposure to these key concepts while having tons of fun along the way! Participants must be potty-trained.

Families Interested in Joining the VEX IQ Robotics Competition Team – Mark Your Calendars for the Informational Session for Parents and Prospective Youth Participants
Thursday, May 22, 5:00 to 6:30 pm
Pre-registration is required
This is a required part of our application process.

STEAM Explorations III for Ages 8 to 14
Course Number: 2005.326 (FD) or 2005.327 (HD)
July 28 to August 1
9am to 3pm Full Day (FD)
9am to 12pm Half Day (HD)
284 Washington Street
Cost: \$240 Full Day or \$150 Half Day

Do you like to explore science, solve problems and use technology? If you do, then the CT STEM Academy is the perfect place for you! Join us for an engaging session of exploring many different STEM Challenges through hands-on investigations. **Activities, and groupings, will be varied to meet the needs of all participants. Challenges will be different from past STEM Exploration Camps.**



STEAM Fun – Ramping Up to School
August 25 and 26 - 9am to 12pm
Ages 8 to 14
Cost: \$45 per day
6 Fairfield Blvd.

August 25: Flight & Rocketry
Course Number 2005.312

Are you ready to explore the science of flight and rocketry? Students will build and launch their own rockets, learn the principles of aerodynamics, and discover how forces like thrust and gravity affect flight.

August 26: Robotics Revolution: Create & Code
Course Number 2005.313

Students will build and code their own robots using fun, easy-to-use tools like Ozobots and UB Tech Robotics. They’ll explore basic programming concepts, problem-solving, and creativity while bringing their robots to life.

For **more summer programs, not listed in the print brochure,** please see the online registration system.



CT STEM ACADEMY SUMMER 2025 PROGRAMS



Programs will be at 6 Fairfield Blvd or 284 Washington Street (CT STEM Academy). Location will be listed in online registration description. Full day camps require students to bring a morning snack and lunch. This page reflects some special grant funded programs.

Girls Powered STEM
Course Number 2005.340
Ages 9 - 14
July 7 to July 11
9:00 am to 3:00 pm
Cost: \$200

This camp will be exploring all aspects of STEM. Participants will be exploring topics such as coding, robotics, NASA based engineering challenges and more! Girls will have the opportunity to connect with others sharing the same interest. This class will explore coding platforms such as CS First, VEX VR, Scratch and other introductory programs. Participants will also explore robotics through hands-on investigations.

All female staff will lead this program.

Register for our programs via this QR Code:



Visit our website to learn more about our program offerings:



2025 Astro Camp

Course Number 2005.351 (S1) or 2005.352 (S2) or 2005.353 (S3)

NASA ASTRO CAMP® is the perfect place for you! Join us for an engaging session of exploring many different STEM, and Space Science Related Challenges, through hands-on investigations. Our sessions will include high interest materials and engaging technology, including robotics, presented in a NASA Astro Camp theme.

Sessions 1 and 2 will include a local offsite field trip. Friday trip details will be announced prior to the beginning of the session. A separate permission slip will be required. **Families are limited to registering for one session only.** More

information posted online in Spring 2025.

Sessions 1 & 2: August 4 to 8 and August 11 to 15

Monday to Friday, 9am to 3pm, Cost: \$150

Session 3: August 18 to 21

Monday to Thursday, 9am to 3pm, Cost: \$125



Partner

More Summer 2025 Offerings will be posted online in late April/early May. Additionally, for most 2025 current prices, based upon potential grant funding please check online.



All registration will be through Wallingford Parks and Recreation Dept.

Save Time and Register Online @

<http://wallingfordrec.com/>

To hear more about our programs, visit us at www.ctstemacademy.org or on social media @ctstem (Facebook, Twitter and Instagram). Please contact us at info@ctstemacademy.org



CT STEM ACADEMY
284 Washington Street
203.626.2280 | info@ctstemacademy.org |
www.ctstemacademy.org



CT STEM ACADEMY SUMMER 2025 PROGRAMS



STARBASE CT STEM Camp

Course Number 2005.399

Light Lane in Windsor Locks, CT

Dates: June 23 - 27

Time: 8:00am (Depart) to 3:00pm (Arrival)

Camp Program is 9am to 2pm

Cost: \$125 per participant (Grant Funded Program)

Ages: 10 to 14

Minimum Number of Participants: 20, Maximum Number of Participants: 40

STARBASE CT is a five-day STEM-based academy funded by the Department of Defense in collaboration with the CT National Guard. Participants explore various STEM fields through various collaborative investigations. The students use the scientific method to conduct experiments in chemistry and physics, make observations, and analyze data through graphing and comparison to draw conclusions about the world in which they live. They also make use of technology in the form of a high-profile CAD program and 3-D printing. Students are challenged to utilize the knowledge they gain to engineer unique solutions to real world issues.

Parent drop off and pick up, as noted above, will be at the Wallingford Parks and Recreation Department, 6 Fairfield Blvd. Participants will need to pack a lunch, snack, and water bottle. All participants must have a signed STARBASE CT permission slip prior to the first day of the program. CT STEM Academy will contact each family by early June with this permission slip.

This program is a partnership between CT STEM Academy and STARBASE CT. Participants will be supervised by CT STEM Academy staff and travel by bus, with CT STEM Academy staff, from the Wallingford Parks and Recreation Department to STARBASE CT located at Light Lane in Windsor Locks, CT.

Join us for this fantastic STEM learning opportunity!