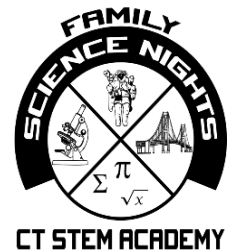




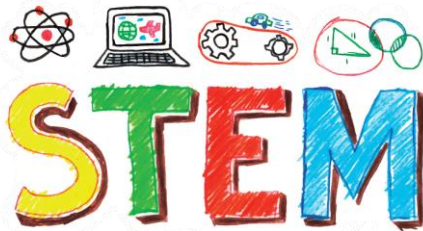
# CT STEM ACADEMY SUMMER 2024 PROGRAMS



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 for Ages 7, 8, 9**  
**Course Number: 2005.301**  
**June 19 - 21 (Wed. to Fri.)**  
**1 to 3:30 pm daily**  
**Cost: \$75**

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. This session will offered at 6 Fairfield Blvd.



**STEAM Camp for Ages 9 to 14**  
**Friday, July 5 @ CT STEM Academy**  
**9am to 3pm Full Day or 9am to 12pm Half Day Option**  
**Cost: \$65 (Full Day) 2005.330 or**  
**\$38 (Half Day) 2005.331**

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!

coding  
for {kids}

Register for all programs online @  
[wallingfordct.myrec.com](http://wallingfordct.myrec.com)

**Ages 5 and 6 STEM Camp**  
**Course Number: 2005.305**

**July 5 10:00 am to 12:00 am**

**Course Number: 2005.306**

**July 22 to July 26, 10:00 a.m. to 12:00 p.m.**

**One Day-July 5 Cost: \$22**

**Week-Long Cost: \$100**

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 STEM 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. These sessions will offered at 6 Fairfield Blvd

**Ages 7 and 8 STEM Camp**  
**Course Number: 2005.308**

**July 5, 1pm to 3pm**

**Course Number: 2005.309**

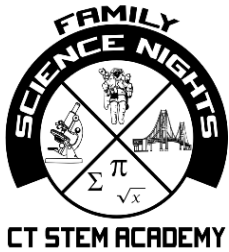
**July 22 to July 26, 1pm to 3pm**

**One Day-July 5 Cost: \$22**

**Week-Long Cost: \$100**

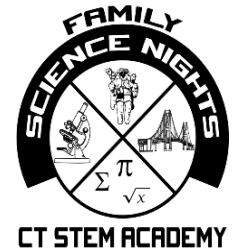
Join us for an engaging session of exploring many different STEM Challenges both engineering and technology through hands-on investigations. Students will be given building challenges, coding workshops, and math games to enhance STEM learning! Our session will include high interest! ! Each session will offer different activities and topics from previous years. These sessions will be offered at 6 Fairfield Blvd

**June 24 to June 28**  
**STARBASE Weeklong Camp**  
Check the following pages for more information regarding this special opportunity.



# CT STEM ACADEMY SUMMER 2024 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 I for Ages 8 to 14

Monday to Friday - July 29 to August 2

9am to 3pm Full Day or 9am to 12pm Half Day

Cost: \$130 Full Day 2005.326

or \$90 Half Day 2005.325

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 II.**

## .VEX IQ Robotics Camp for Ages 10 to 14

Course Number: 2005.303

August 12 to 15 -9:00 am - 3:00 pm

Monday to Thursday Only

Cost: \$200 residents / \$250 non-residents

*This program offers students a rich and exciting introduction to advanced levels of VEX IQ Robotics. The program encourages **teamwork, problem solving, and leadership skills along with the basics of coding, building a robot, while exploring related STEM applications. During this program students will be gaining an insight to our competition team and the components of it. This class is a prerequisite for interested members to join our VEX IQ Competition team. We also welcome all who are just interested in a highly engaging robotics camp. This camp will be held at our 284 Washington Street location.***

**Families Interested in Joining the VEX IQ Robotics Competition Team - Mark Your Calendars with these important dates:**

2005.334 Monday, August 12, 5:00 to 6:30 pm -

Informational Session for Parents and Youth Participants.

This is a free informational meeting, please register ahead.

Application and Interview Sessions to follow Tuesday thru Friday. Please check [www.ctstemacademy.org](http://www.ctstemacademy.org) for more details in April 2024.



World  
Championship  
Participants since  
2018

## STEAM Explorations II for Ages 8 - 14 STEM Camp

August 19 to August 23

9am to 3pm Full Day or 9am to 12pm Half Day

Cost: \$130 Full Day 2005.332

or \$90 Half Day 2005.333

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 I.**



## STEAM Fun - Ramping Up to School

August 26, 27, 28 - 1pm to 4pm

Ages 8 to 14

Cost: \$40 per day

Location: In Person, Park and Rec STEM Room

Monday August 26: Technology Exploration

Course Number 2005.312

*Do you like to explore and use technology? Join us for fun activities that include coding, robotics and electric circuits.*

**Tuesday August 27: Building Challenges**

Course Number 2005.313

*Buildings, houses, bridges, and cars...have you ever wondered what goes into building those structures and vehicles? Come explore and build your own prototypes.*

**Wednesday August 28: Environmental**

**Investigations**

Course Number 2005.315

*Ever wonder how a bird flies Or how animals make their homes? Maybe how a volcano erupts into the air? Come investigate environmental phenomenon!*



# CT STEM ACADEMY SUMMER COMPUTER SCIENCE 2024 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.

**Girls Powered STEM – Session 1**  
Course Number 2005.340  
Ages 9 – 12

*\*Please note age difference between Session 1 and 2*  
**June 19, 20, 21 (W to F) - 9:00 am to 3:00 pm**

**Location: In person @ CT STEM Academy**  
**Cost: \$40 (Grant Funded Program)**

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.

**Girls Powered STEM Session 2**  
Course Number 2005.341  
Ages 13 to 16

*\*Please note age difference between Session 1 and 2*  
**Monday – Thursday, July 15<sup>th</sup> – August 1<sup>st</sup>**

**9:00 am to 12:00 pm**

**Location: In person @ 6 Fairfield Blvd.**  
**Cost: \$60 (Grant Funded Program)**

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.

## 2024 Astro Camp

**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 fun technology.

Everyday will include interactive and engaging activities, don't miss out on this great opportunity! Special Grant Funded Pricing

2005.351 July 8 to 11

2005.352 July 15 to 18

2005.353 August 5 to 8

Monday to Thursday, 9am to 3pm

Cost: \$90 per week



Partner

**Each week will cover the exact same topics, please do not register for more than one week.**

**More August 2024 Offerings will be posted online in late April/early May. Additionally, for most 2024 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 @

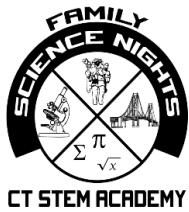
[wallingfordct.myrec.com](http://wallingfordct.myrec.com)

To hear more about our programs, visit us at [www.ctstemacademy.org](http://www.ctstemacademy.org) or on social media @ctstem (Facebook, Twitter and Instagram).

Please contact us at [info@ctstemacademy.org](mailto:info@ctstemacademy.org)



CT STEM ACADEMY  
284 Washington Street  
203.232.1384 | [info@ctstemacademy.org](mailto:info@ctstemacademy.org) |  
[www.ctstemacademy.org](http://www.ctstemacademy.org)



# CT STEM ACADEMY SUMMER 2024 PROGRAMS



**STARBASE CT STEM Camp**  
**Course Number: 2005.399**  
**Light Lane in Windsor Locks, CT**  
**Dates: June 24, 25, 26, 27, 28**  
**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!

## More Summer Offerings

Please continue to check the STEM Academy Registration Page at [wallingfordct.myrec.com](http://wallingfordct.myrec.com)

We will continue to update this page with more fantastic reduced cost opportunities that are not listed in this brochure.

If you have any questions, please reach out to us at [info@ctstemacademy.org](mailto:info@ctstemacademy.org) or at 203.232.1384