Have Fun
Make Friends
thinkSTEM

What is thinkSTEM?

thinkSTEM immerses its students in a two-week, intensive, hands-on curriculum expanding their knowledge of STEM with a particular focus on the world of engineering.

Hands-on experiences, dynamic field trips, and world-class instruction hosted at the CWRU think[box] provide unique opportunities for thinkSTEM students learn how to thinkSTEM. !

Hours of hands-on learning

60

thinkSTEM encourages campers to bring their learnings to life through hands-on connections with engineering fields including: Electrical, Chemical, Biomedical, Industrial, Mechanical, Aerospace, and more!

Family approval rating

100%

We proudly boast that all thinkSTEM students and parents agree that thinkSTEM taught its students something new about STEM fields, increased their students' interest in STEM, and that they would recommend thinkSTEM to others!

The most important student

1

With more than 50 students served in our first two years of camp, we still strive to ensure our next year of thinkSTEM is more fun, engaging, and impactful for one more student. Maybe it's you!

@ Sears think[box]

Richey Mixon Building

11201 Cedar Avenue, Cleveland, OH 44106

Application Details

Deadline: Monday, March 9th, 2026

Online Application
& Letter of Recommendation

**Email Letters of Recommendation to: thinkstem@case.edu*

Camp Details

July 13 - July 24, 2026
Mon. - Fri. : 9:30AM - 3:30PM

Tuition & Fees

Tuition is $400 and includes:

- Daily snacks & refreshments
- thinkSTEM apparel & SWAG
- All necessary materials
- Daily Lunch on CWRU campus

Scholarship Information

- **Scholarship applications are available for admitted students demonstrating need**

***in 2025, 43% of thinkSTEM students received scholarship support.**

CASE WESTERN RESERVE
UNIVERSITY

Explore Engineering Fields!

Physics & Mechanics	Computers & Software
Study the behavior of physical objects and the mathematical principles behind their motion.	Learn the basics of computer architecture and operation, as well as the Arduino programming language.
Chemical	**Civil**
Study the chemical processes that are crucial to almost every industry, from manufacturing to pharmaceuticals to energy to food production.	Learn about the physics, mathematics, and architecture that are the basis of our buildings, bridges, roads, tunnels, and water systems.
Electricity & Magnetism	**Environmental**
Learn the concepts and laws that govern electric circuits, the relationship between electricity and magnetism, and the way this relationship is crucial to modern society.	Explore the technology solutions that deal with the health of the earth, such as waste treatment, site remediation, and pollution control technology.
Mechanical & Manufacturing	**Strength, Characteristics, & Application of Materials**
Explore how mathematics, physics, and materials lead to the design of the machines that move and make our world.	Learn how different materials respond to various forces, and how this knowledge is used to design structures and machines.
Aerospace	**Biomedical**
Discover the fundamental laws that govern flight, and the various technologies that contribute to aircraft and spacecraft.	Review the combination of medicine and engineering that is behind the devices and tools that help people live healthier lives.

Program Criteria

- Must be entering the 7th, 8th, or 9th grade for Fall of 2026.
- Must be at least 12 years old by June 1, 2026.
- Demonstrate a strong interest in STEM (science, technology, engineering, and/or math) curriculum and related career pathways.
- Parents and/or legal guardians will be responsible for getting their child(ren) to and from the camp on time; there will be no before or after-care.

REGISTER

For more information, contact
Kyle Williams, Program Director
Pre-Collegiate Programs
Phone: 216.368.2653
Email: thinkstem@case.edu
https://case.edu/gcr/thinkstem

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