



We offer engaging and challenging courses, as well as group activities that deepen campers' interest in science, awaken their curiosity, and demonstrate, first-hand, the joys and spirit of discovery.

Essentials

Who: Rising 6th-, 7th-, and 8th-graders

When: June 30 thru July 11 (no camp on July 4)

Cost: \$1,750 (lunch is an additional \$15 per day, optional)

What Makes Us Different?

- We challenge students with a **rigorous curriculum** delivered in small classes, allowing for a highly **personalized learning experience**.
- We provide access to **state-of-the-art labs**, where students work with cutting-edge equipment that enhances their **hands-on learning** and sharpens their critical thinking skills.
- Our dedicated and experienced faculty foster attentive, student-centered relationships, creating a **supportive and engaging learning environment**.

Daily Schedule

8.00	–	8.30 AM	Drop-Off
8:30	–	11.15 AM	Morning Classes
11.15	–	12.30 PM	Lunch Break
12.30	–	2.45 PM	Afternoon Classes
3.00	–	3.30 PM	House Event
3.30	–	4.00 PM	Pick-Up (<i>late pick-up is an additional \$15 per day, optional</i>)

[Register here >>](#)



Course Descriptions

What's The Matter? Chemistry!

Ever wondered what makes fireworks burst with color, how airbags deploy in vehicles, or how cakes rise in the oven? The answer to all these fascinating questions lies in chemistry! This summer, join us as we dive into the wonders of chemistry through hands-on experiments and explore the incredible phenomena that shape our world. Leading the way is **Dr. Joseph Bay**, who holds a Ph.D. in Cancer Biology from Stanford University and brings years of research and teaching experience. Don't miss this chance to uncover the "wows" of chemistry and discover how it's the superstar behind so many amazing things in our lives!



Math and Art: Hands-on Connections

This summer, join **Dr. Andrew Bleckner**, a graduate of the University of Pennsylvania, an experienced high school math teacher of 11 years, and an accomplished composer whose music has been performed by renowned ensembles like the American Composers Orchestra and the Civic Orchestra of Chicago, for a unique class where math meets creativity! Students will use mathematical functions and patterns as the foundation to create visual artwork through Desmos and rhythmic drumming patterns. Each day includes exploring math-based visual designs as well as a drum circle ensemble playing, where students will develop drumming skills and collaborate on rhythm creation. Don't miss this creative adventure!

Video Game Design and Development

This summer, dive into the exciting world of game development with **Mr. Philip Tang**, an experienced educator with a B.S. in Interactive Media and Game Development from Worcester Polytechnic Institute and 12 years of teaching expertise! Designed for beginners, this hands-on course will introduce coding principles, 2D graphics creation, and core game development concepts using Game Maker Studio. By the end of the program, students will have designed, coded, and built their interactive games to showcase their skills. Join us for a fun and inspiring journey into game creation!

Biology Innovators

Dr. Gwen Bleckner, who holds a Ph.D. in Molecular Biology from the University of Missouri and did her post-doctoral work at Yale University, brings years of teaching experience in biology and invites you to an exciting summer STEM course! Students will dive into hands-on experiments that blend science and creativity, from extracting DNA from everyday foods to creating art with bacteria or yeast. They'll explore sustainability by making bioplastics from plants and delve into genetic engineering, learning to manipulate genes for a deeper understanding of the living world. This program is perfect for budding scientists eager to explore the wonders of biology through innovative and engaging projects!

TinkerTech

Get ready for TinkerTech! Led by **Mr. George Heim**, PRISMS engineering teacher with a Master's in Computer Engineering from NJIT, TinkerTech is a hands-on class in which young engineers explore mechanical, electrical, and aerospace engineering. Campers will build and launch model rockets, construct and fly model airplanes, and program robots. The course is perfect for those curious minds that love to create, solve problems, and discover how things work!

