

Please choose camp programs based on the grade your child will enter in September 2024.



BUILDERS ACADEMY

► Introduction to Carpentry

Grades 7-11 (Session 1)

- Students learn the basics of carpentry, including proper tool usage, rough and fine work, and basic home repair.
- We work together to build, deliver, and install needed structures for the Double D Bar Ranch, a nonprofit organization that provides homes for abused or unwanted farm animals.



- Students complete individual projects to take home that showcase their new talents and incorporate skills they have learned.

► Woodworking: Project Based - Grades 7-11 (Sessions 1, 2)

- Students learn how to use necessary tools to design, plan, construct, stain, and assemble various woodworking projects.
- Interior carpentry work combines hand-eye coordination, reading comprehension, and math skills.

Projects vary each summer; appropriate for new and returning campers.



Coastal Explorations - Grades 7-11 (Session 3)

Location: BOCES Caumsett Environmental Education Center (Several trips may be off-site.)

Lunch is not available with this program; campers should bring their own lunch. Transportation is included.

- Students explore diverse marine habitats and engage in daily observations and data and specimen collection to provide new insight on how the marine world works.
- Activities include canoeing, surfcasting, seining, saltmarsh hiking, plankton and horseshoe crab studies, and snorkeling.



CULINARY ARTS ACADEMY

► Culinary Arts Introduction: Apple Pie to Zucchini

Grades 7-11 (Sessions 1, 2)

- Students explore cuisines from around the world while learning proper cooking techniques, including safety, knife skills, and food preparation.
- Sessions include opportunities to practice chocolatiering and pastry arts with a professional pastry chef.

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*Note: Camp is closed on Thursday, July 4.

▶ **International Cooking** - Grades 7-11 (Sessions 1, 2)

- This program expands on the fundamentals of cooking and explores both regional and international dishes.
- Students learn to prepare Italian, Mexican, Asian, German, and American fare.

▶ **Baking** - Grades 7-11 (Sessions 1, 2)

- In this advanced class, students build upon their existing skills and explore the exciting world of baking and pastry making.
- Students learn a variety of skills, including methods for mixing and accurate measuring, baking science, and artisan bread baking; how to make yeast dough, breakfast pastries, and more; and how to prepare various fillings and icings.



Forensics - Grades 7-11 (Session 1)

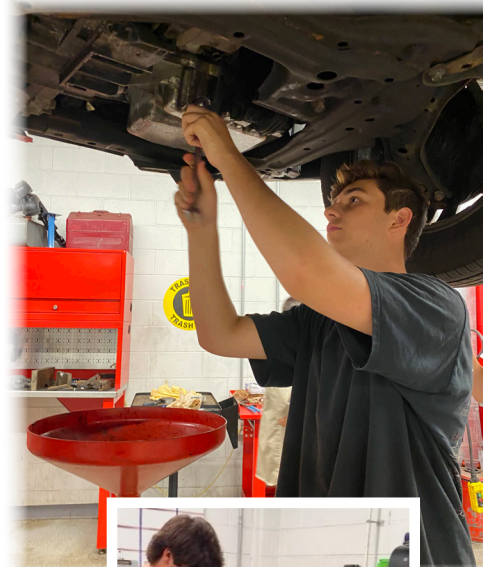
- Students discover the exciting world of forensic science through simulated crime scene investigations and by conducting various forensic science examinations.
- Participants learn how law enforcement professionals solve crimes and the importance of obtaining evidence and maintaining proper chains of custody.



MECHANICAL AND AUTOMOTIVE INSTITUTE

▶ **Introduction** - Grades 7-11 (Session 1)

- Students gain an understanding of how a car engine works and leave with a functional model of an engine that they will build themselves.
- Participants learn the safe and proper use of equipment and maintenance techniques, including tire repair, brake maintenance, and how to check and change automotive fluids.

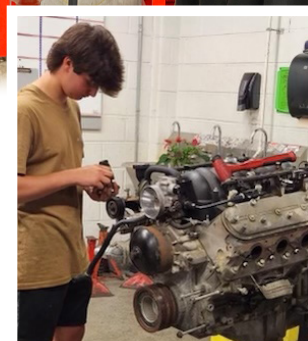


Outdoor Survival Skills

Grades 7-11 (Session 4)

Location: Brookville Environmental Education Center (Several trips may be off-site.)

- In this immersive experience, campers learn essential survival techniques in team challenges, including fire building, shelter construction, and navigation.
- Participants learn resilience, leadership, and the importance of camaraderie through a series of outdoor activities.



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STEM

▶ Introduction to Computer Hardware and Essentials - Grades 7-11 (Session 1)

- Students learn the basics of computer components, repair, upgrade, maintenance, operating systems, and virus protection.
- This course is a combination of hands-on and lecture-based activities where students learn about IT career paths.

▶ Computer Hardware and Networking

Grades 7-11 (Session 2)

- Campers build on the skills learned in the introduction course. They will learn how to network phones, speakers, computers, and smart devices using switches, routers, and CAT cables that they make in class.
- Participants will build a speaker box for a Bluetooth speaker while incorporating their newly learned networking technologies.



VETERINARY SKILLS

▶ Careers in Animal Care: Domestic Animals

Grades 7-11 (Sessions 1, 2)

- Students explore exciting career paths, develop practical handling skills, and increase their knowledge of animal husbandry, basic grooming, diseases, and animal welfare and behavior.
- Typical instructional activities include hands-on experiences with cats, dogs, and pocket pets.
- Various speakers and a field trip enrich each two-week experience.



▶ Careers in Animal Care: Introduction to Large Animals - Grades 7-11 (Sessions 1, 2)

- Students study the basics of large animal husbandry, including horses, sheep, goats, and pigs.
- Field trips to an equestrian center and farms, along with in-house recreational projects and crafts, enhance the students' learning environment.

▶ Careers in Animal Care: Exotic Animals

Grades 7-11 (Session 1)

- Students learn about the habitats, diets, and enrichment necessary for the well-being of exotic animals.
- Participants explore disease prevention and the environment that affects animals and humans alike.



Long Island High School for the Arts (LIHSA)

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*Note: Camp is closed on Thursday, July 4 and Friday, July 5.



All courses listed on this page take place at the Long Island High School for the Arts, 239 Cold Spring Rd., Syosset, NY 11791, from 9 a.m. until 3 p.m. daily. Transportation and lunch options may be available through LIHSA. **All LIHSA programs are \$700 per week.**

VISUAL ARTS

▶ **Figure Drawing** - Grades 10-12 (June 27-July 3)

- Students get a comprehensive look at the muscular and skeletal composition of the body and learn how it influences surface form and mechanical function.

▶ **Fundamentals of Visual Arts** - Grades 6-12 (July 8-12)

- In this class, students use the tools and equipment in the LIHSA Fine Arts studios to design and create their own functional objects or works of artistic expression.

▶ **Mixed Media Art** - Grades 6-12 (July 15-26)

- This workshop allows students of any skill level to create mixed media art using a variety of materials and design concepts.

THEATER ARTS

▶ **Acting for the Camera and Self-Tape**

Grades 8-12 (June 27-July 12)

- Students learn the newest tricks of the trade and how to make themselves stand out from the crowd as they create original works and self-tapes for auditions.

▶ **Actor's Toolbox** - Grades 8-12 (July 15-26)

- In this two-week course, beginner and advanced actors are given an overview of everything they need to build and enhance their theater art skills. From headshots to resumes to sword fighting, this course is packed with invaluable resources. The course culminates in a final performance for family and friends.



MUSICAL THEATER

▶ **Introduction to Musical Theater** - Grades 5-7 (June 27-July 19)

- Students who want to dive deeper into the world of musical theater benefit from master classes in acting, vocal techniques, and dance basics while learning choreography and music for a musical revue. This course ends with a final performance for family and friends.

▶ **Musical Theater Production** - Grades 8-12 (June 27-July 26)

- Students become involved in all aspects of a musical theater performance including auditions, rehearsals, choreography, blocking, and ensemble work. This 4-week program is designed for individuals with previous musical theater experience, culminating in a final performance for family and friends.



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MUSIC

▶ **The Art of the Band** - Grades 7-12 (June 27-July 12)

- Students who already play an instrument will enjoy this two-week music program where they learn about amateur and professional bands, and create both covers and original songs. This course finishes with a final performance for family and friends.

▶ **Studio Recording and Production** - Grades 7-12 (July 15-26)

- This hands-on program highlights audio software options, microphones, effects, and techniques for achieving the perfect sound for students' compositions, even at home! A visit to a professional recording studio on Long Island provides a close-up look as to how professional musicians get the sound just right.



DANCE

▶ **Broadway Theater Dance** - Grades 7-12 (June 27-July 19)

- Students learn jazz fundamentals, as well as choreography derived from various Broadway styles. This program concludes with a performance for family and friends.



TECHNICAL THEATER, FILM AND TV

▶ **Film Techniques: Concept to Creation** - Grades 7-12 (June 27-July 12)

- Students work together as a film crew as they explore the stages of professional filmmaking from storyboarding, pre-production, production, and post-production. Family and friends will be invited to a film screening at the end, followed by a post-film discussion with the filmmakers.

▶ **Set Design and Construction** - Grades 7-12 (July 15-26)

- Students discover how to create a scenic design, read drafts, generate cut lists, learn basic scene painting, and use a variety of power tools in this hands-on course. During this two-week program, the entire set for the Summer Arts Academy musical will be designed and built for the final performance.

