Summer Lab 2024

THE UNIVERSITY OF CHICAGO LABORATORY SCHOOLS
Summer Lab enrollment is open to all students entering Nursery 3–grade 8.

At Lab, we know that learning is a year-round experience, which can, and should, take many forms. Summer Lab builds on over 70 years of summer programming at the University of Chicago Laboratory Schools, bringing together the resources and faculty of the University of Chicago Laboratory Schools with exciting programs offered by experts from across the city. All of this takes place in and around an unparalleled university setting that enriches our summer fun in incomparable ways.

In an environment that focuses on kids, Summer Lab students and campers make new friends, learn new skills, connect, play, make art, explore the environment, perform, and much, much more. The programs are fun and like everything at Lab, they are designed to inspire curiosity, creativity, and confidence in each child.

At Summer Lab, the love of learning never goes on vacation.

Join us!

Summer Lab is guided by the University of Chicago Laboratory Schools’ mission, and enrollment is open to all students. Our distinguished Summer Lab instructors keep their material fresh, relevant, and truly engaging for their students. Their ability to do so is one key element—among many—that sets Summer Lab apart.

Dates, Deadlines, and Important Information

Registration window
February 15–April 15
A $200 non-refundable deposit per class is due at the time of registration.

Payment due date
May 1
Outstanding balances will automatically be charged at this time to the credit card on file.

Cancellation Policy
Cancellations must be received in writing no later than May 15 for a full refund minus the non-refundable fee. If a family has to cancel for any reason after May 15, no refund will be issued.

Summer Calendar
Full Session: June 17–July 26
Session I: June 17–28
Session II: July 1–12
Session III: July 15–26
Closed June 19, July 4, and July 5 in observance of holidays

Location Schedules
Earl Shapiro Hall
5800 South Stony Island Ave
Nursery-Grade 2
Arrival: 8–8:25 a.m.
Start Time: 8:30 a.m.
Dismissal: 3:30–3:45 p.m.
Late Day: 3:30–5 p.m.
Dismissal: 5–5:15 p.m.

Historic Campus
1362 East 59th St
Grades 3–8
Arrival: 8–8:15 a.m.
Start Time: 8:15 a.m.
Dismissal: 3:30–3:45 p.m.
Late Day: 3:30–5 p.m.
Dismissal: 5–5:15 p.m.

Late Day is available to all children in Nursery-grade 8 from 3:30–5:00 p.m.

Cost
Session I: $245
Session II: $215
Session III: $270

Please check meeting times and dates in each listing that follows, and feel free to contact the Summer Lab office with questions about structuring your child’s days:
summerlab@ucls.uchicago.edu
773-834-7766
Nursery/Kindergarten

Nursery School
Join in an unforgettable kaleidoscope of summer fun with indoor and outdoor play and learning that will include science explorations, dramatic play, arts and crafts, stories, and movement. Daily water play in sprinklers and splash pools will keep your child cool while having fun. A rest time will also be provided daily for students participating in the full-day program. All children must be toilet trained prior to participating in Summer Lab.

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<tr>
<th>Grades:</th>
<th>N3</th>
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<tbody>
<tr>
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<tr>
<td>Full Day</td>
<td>8:30 a.m.–3:30 p.m.</td>
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<tr>
<td>Half day</td>
<td>8:30 a.m.–12:30 p.m.</td>
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<tr>
<td>Sessions:</td>
<td>Full Session</td>
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<tr>
<td>Instructor:</td>
<td>Emily Gonzalez, Alpha Angel, Jelonda Bernstein, Tomoko Hata</td>
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<tr>
<td>Cost:</td>
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<td>Half Day: $2,480</td>
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Kindergarten
Summer Kindergarten is a time for your camper to work, play, participate in movement and music, and “eat through the alphabet.” Days will be filled with listening to story time in the school library, running through sprinklers, jumping in Lab’s rooftop splash pools, and enjoying the warmth of summer. Our goal is to provide an environment in which children can explore, learn, and most importantly, play. Daily journaling, games, and stories will help them connect their nursery experience to their kindergarten year. Join us for a summer of fun.

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<th>Grades:</th>
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<td>Time:</td>
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<td>Full Day</td>
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<tr>
<td>Sessions:</td>
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</tr>
<tr>
<td>Instructor:</td>
<td>LaShawn Cobb, Keilah Chodosh</td>
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<tr>
<td>Cost:</td>
<td>$3,700</td>
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</table>
Campfire Chronicles

Huddle around the campfire and grab a toasty marshmallow as we explore the magic of storytelling through folktales! With stories from around the world, you’ll explore the many ways to tell a story through narration, movement, character work, and vocal expression. Family and friends are invited to gather around the campfire on the last day for a performance of one of our folktales. After lunch, your camper’s day will be filled with a weekly rotation of music, library, art, and outdoor water play.

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<tr>
<th>Grades:</th>
<th>K</th>
<th>Time:</th>
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<tr>
<td>Sessions:</td>
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<tr>
<td>Instructor:</td>
<td>Chicago Children’s Theatre</td>
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<tr>
<td>Cost:</td>
<td>$1,145</td>
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Story Time

Join us for a summer filled with stories! We experience stories in so many ways! Stories will be read from books and retold using a felt board, small props, and puppets. Stories will be explored further through art and sensory activities as they have the power to ignite the children's curiosity and imagination, fueling and enriching their play. Each child will be encouraged to tell their own stories that will be recorded in a book, providing yet another way to experience stories! The children will act out their stories for one another during a group meeting time. In addition to experiencing stories in the classroom, once a week the children will enjoy story time in the library. During this time, the children will listen to stories that have been selected by the librarian. We also will take stories outside when we go on our weekly walking trips around the neighborhood and campus, telling stories under trees using rocks, sticks, and other found bits of nature.

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<tr>
<td>Sessions:</td>
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<tr>
<td>Instructor:</td>
<td>Jane Maciak</td>
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<tr>
<td>Cost:</td>
<td>$1,285 $1,145 $1,430</td>
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Tales With Tails

On your marks...get set...WAG YOUR TAIL! Join us this summer, as we bring our favorite stories to life through creative drama, music, and movement! Explore the worlds of jungle cats, friends on the farm, and all sorts of animals with wagging tails through multi-sensory drama activities that will support the development of your child’s fine and gross motor skills, communication skills, early childhood literacy, and their blossoming creative spirit. Family and friends are invited to join us on the last day of camp for a sharing of an original story! After lunch, your camper’s day will be filled with a weekly rotation of music, library, art, and outdoor water play.

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<tr>
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Zero To Hero

Have you ever dreamt of what kind of superpower you would have? Well, this camp is just for you as we dive into our imaginations to embody our favorite superpowers. Through beginning acting skills, movement, and character development, you can unleash your inner hero. The last day of class will culminate in a performance of an original story created right in your classroom! After lunch, your camper’s day will be filled with a weekly rotation of music, library, art, and outdoor water play.

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<td>Instructor:</td>
<td>Chicago Children’s Theatre</td>
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<tr>
<td>Cost:</td>
<td>$1,430</td>
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</table>
GRADES 1–2

Schedule At A Glance

For students entering Grades 1-2, choose classes to create a full-day or half-day experience. For a half-day experience, you can register for the following:

- A half-day class
- An early morning and late morning class
- A late morning and an afternoon class

Sample Schedule A
8:30 a.m.–12:30 p.m. First Grade Fun
12:35–1:25 p.m. Supervised lunch & recess
1:30–3:30 p.m. Chess

Sample Schedule B
8:30 a.m.–10:30 a.m. Robotics
10:35 a.m.–12:35 p.m. Creative Chef
12:35–1:25 p.m. Supervised lunch & recess
1:30–3:30 p.m. Hi-Five Sports

Sample Schedule C
10:35 a.m.–12:35 p.m. Martial Arts
12:35–1:25 p.m. Supervised lunch and recess
1:30–3:30 p.m. Minecraft Code: Superheroes

Sample Schedule D
8:30–10:30 a.m. Printmaking
10:35 a.m.–12:35 p.m. My First Passport

Session June 17–28
Early Morning 8:30–10:30 a.m.
Late Morning 10:35 a.m.–12:35 p.m.
Afternoon 1:30–3:30 p.m.

- Intro to Guitar
- Minecraft Code: Avatar the Last Airbender
- Nexplore Robot Makers Club
- Printmaking
- Acting Adventures: Tales With Tails
- First Grade Fun [1]
- Foundations for Learning to Read [1]
- Literacy Lab [2]
- Lab Explorers
- Chess
- Hands-On Math
- Hi-Five Sports
- Improv
- Robotics
- Summer Treats
- Young Philanthropists
- Supervised Lunch & Recess
- Nature Seekers

Note: If your child will not take part in Afternoon classes, they must be dismissed at 12:30 p.m. and cannot stay for lunch.
The class will cover the same content each session and we recommend only registering for this class one time.
**Big Planet, Small Scientists**

Campers will become Citizen Scientists this summer, choosing a Citizen Science project that enables them to partner with real scientists to gather information that will help answer questions to solve issues on a global level. During their exploration of biodiversity in our community, they will collect data from our local ecosystem to aid real scientists in their research.

We will go to Jackson Park’s Wooded Isle to gather information about our local environment and explore possible call-to-action campaigns that can encourage the community to address environmental health.

*Grades:* 1–2  
*Time:* Early Mornings 8:30–10:30 a.m.  
*Instructor:* Deidre Jordan  
*Cost:* $370 // $460

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**Chess**

Chess is an exciting and dynamic sport to learn and participate in. This program will provide professional instruction from the basics and beyond. Beginners will learn the fundamentals of the sport and move into game playing openings and tactics for all parts of the game. Continuing students will enhance their skill set with new openings, strategies for the middle game, and combinations for the end game. The advanced player will continue to grow their skills by studying world famous games, positions, and thought processes for a greater understanding of the sport and for greater success with their own games.

*Grades:* 1–2  
*Time:* Afternoons 1:30–3:30 p.m.  
*Instructor:* Chess-Ed  
*Cost:* $415 // $370 // $460

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**Circus Fun with CircEsteem**

Give your kids the opportunity to “clown around” while developing balance, flexibility, and hand-eye coordination. Kids will learn tight-wire walking, juggling, plate spinning, acrobatics, clowning, and more! Fostering confidence and cooperation, our professional circus staff teach various circus skills. Each session varies in format and introduces new skills, allowing returning students to advance, and beginners to model their peers. CircEsteem classes allow every child to shine in the “center ring,” building confidence and encouraging students to work as a team.

*Grades:* 1–2  
*Time:* Late Mornings 10:35 a.m.–12:35 p.m.  
*Instructor:* CircEsteem  
*Cost:* $415 // $370
### Creative Chefs

Creative Chefs will enjoy exploring cooking techniques and practicing essential cooking skills so that they feel inspired and confident to create their own dishes. Creativity takes center stage as students adapt their own versions of classic recipes that express their ingenuity and personal taste. The kitchen is an exciting environment for self expression.

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<tr>
<td>Time:</td>
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<tr>
<td>Sessions:</td>
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<tr>
<td>Instructor:</td>
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<tr>
<td>Cost:</td>
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### Dance

Learn dance technique and choreography skills through mixed repertoire dance classes, dance education, and exposure to dance performances. Students will also explore their creativity by creating and performing their own dances.

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<tr>
<td>Sessions:</td>
<td>III</td>
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<tr>
<td>Instructor:</td>
<td>Hyde Park School of Dance</td>
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<tr>
<td>Cost:</td>
<td>$460</td>
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### Drawing and Painting

Drawing and painting go hand in hand. In this camp, students will focus time on drawing by exploring perspective, still life, and dimension. They will also start building up their painting skills by gaining confidence in using color theory, blending, and layering techniques by using oil paints and acrylic paints. Classes are student-driven and customized with the interests campers have and their artistic goals. Let’s create a masterpiece!

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<td>Time:</td>
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<tr>
<td>Instructor:</td>
<td>Easel Art Studio</td>
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<tr>
<td>Cost:</td>
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### First Grade Fun

Students will learn all that first grade has to offer through playing hands-on math games, engaging literacy activities, and empowering strategies to develop one’s identity and social-emotional learning. This will be accomplished by introducing rising first grade students to explicit instruction in the content areas of mathematics, reading, and writing. Specifically, in Writer’s Workshop, students will learn how to craft narrative stories based on “small moments” in their lives that are important to them. In reading, students will be exposed to reading and recognizing sight words. Students will begin to understand that reading involves reading pictures, reading words, and retelling stories. Students will also be exposed to foundational phonics rules and patterns to help them decode text. In mathematics, students will be exposed to various games within the Everyday Mathematics curriculum that will support their understanding of foundational math skills such as number sense, place value, and number operations. Students will also explore various topics of race and identity through read alouds that support students’ identity development and wonderings across various issues related to equity.

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<tr>
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<tr>
<td>Sessions:</td>
<td>Full Session</td>
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<tr>
<td>Instructor:</td>
<td>Valerie Grbavac and Foley Burckardt, Program Manager</td>
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<tr>
<td>Cost:</td>
<td>$2,480</td>
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### Foundations for Learning to Read

Is your child just beginning to put sounds together to form words? Taught by reading specialists and classroom teachers, this class is designed for readers who continue to work on letter-recognition skills, sight-word memorization, or beginning blending skills. Your child will experience the Orton-Gillingham approach to learning how to read, which is structured, sequential, and multisensory. This class provides a foundation to jump into first-grade reading with confidence and will get your child excited about learning how to read.

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<tr>
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Hands-on Math

Hands-on Math provides fun, multi-sensory activities to help young minds develop early math skills and number sense. Projects include stringing beads on shoelaces to introduce skip-counting and early multiplication concepts; manipulating clay and fraction tiles to discuss fractions; exploring pattern blocks; solving addition and subtraction problems to create a class mural; and playing Money Bags, a coin-counting game, and other math-based board games.

Each class begins with math-related story time. The instructor is a certified Learning Behavior Specialist, and the classroom is set up in learning stations to encourage student independence. Students also participate in whole-group games such as 100 Sit Down (counting by 10s) and Hello, Floor (other multiples). Hands-on Math is a great choice for the rising first- or second-grader who requires remediation or enrichment.

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<tr>
<th>Grades:</th>
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<tr>
<td>Sessions:</td>
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<td>❄</td>
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<tr>
<td>Instructor:</td>
<td>Matt Zakosek</td>
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<tr>
<td>Cost:</td>
<td>$415</td>
<td>$370</td>
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Hi-Five Sports

Hi-Five Sports Camp is back at Summer Lab! Since 1999, Hi-Five has provided safe, cutting-edge, skill-developing programs to Chicagoland kids. Just like our campers, we eat, sleep, and breathe sports. Our staff is filled with professional coaches, high school and college athletes, as well as local experienced P.E. teachers who promote the fundamentals through personalized instruction and positive reinforcement. We stress the importance of building self-esteem while always maintaining a sense of humor! Each camper will be placed on a team with an assigned coach. While on their teams, campers spend each day participating in a few of the major team sports like baseball, basketball, volleyball, soccer, flag football, lacrosse, or floor hockey. Campers will learn to develop their skills through “teaching stations” and gameplay. Please note: Campers do not play every sport every day. We rotate the sports on a daily and weekly basis. We will be providing group and individualized instruction to ensure each child is learning and improving at an age-appropriate level. No matter the skill level of the child, the goal remains the same: to have fun while learning the value of teamwork and good sportsmanship. We can’t wait to start playing!

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<tr>
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<tr>
<td>Instructor:</td>
<td>Hi-Five Sports</td>
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<tr>
<td>Cost:</td>
<td>$415</td>
<td>$370</td>
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Improv

The Revival, Hyde Park’s improv comedy theater, is thrilled to bring improv to Summer Lab this year! Your child can expect a warm, joyful, and supportive environment that celebrates each day with a variety of fun, “on-your-feet” games and exercises. The Revival’s instructors are among the best in Chicago with a wealth of classroom and stage experience. Improv with The Revival offers a wonderful opportunity for your learner to jumpstart creativity, develop new skills, and have fun.

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<tr>
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<tr>
<td>Cost:</td>
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Intro to Guitar

Students will learn the guitar’s basics, including all the guitar parts, how to use a pick, how to hold a guitar, and other basic techniques. They will learn how to play a few easy pieces individually and learn one guitar classic by the time the class ends. There will also be a focus on listening to guitar music in different styles from across the globe.

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<tr>
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Journey through South Asia

Children will set out on a journey through the Indian subcontinent virtually visiting several regions. Regions are chosen for cultural and geographic diversity. The curriculum includes geography, history, languages, arts and crafts, dance, music, and yoga. The classroom is set up to experience the sights and sounds of the region being visited. Each day has some didactic and some physical learning opportunities. Maps, history, local stories, ethnic arts and crafts, dance, dress, food, yoga, singing and musical instruments from each region are explained and sampled. Children hear a variety of languages and music. The scripts and a few spoken words or simple songs are taught, and snacks may be sampled.

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<td>Sessions:</td>
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<td>❄</td>
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<tr>
<td>Instructor:</td>
<td>Kalapriya Foundation</td>
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<tr>
<td>Cost:</td>
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The class will cover the same content each session and we recommend only registering for this class one time.
Lab Explorers
Join us this summer for an action-packed camp consisting of sports, swimming, field trips, arts and crafts, team-building, and more! Led by Lab School teachers Danya Springer and Luke Murphy, Lab Explorers will spend their days being active, soaking up the sun, playing with friends, and exploring Chicago on exciting field trips. Lab Explorers will play various sports such as soccer, wiffle ball, and relay races. We will also enjoy both instructional and free swim twice a week at Lab’s indoor pool. We can’t wait to get started—join us!

Field Trips:
Session I
June 21 Hollywood Park
June 26 Brookfield Park Zoo

Session II
July 3 Ultimate Ninjas
July 10 Medieval Times

Session III
July 17 Waveland Bowl
July 24 Cypress Cove Family Aquatic Park

Grades: 1 2
Time: Full Day
8:30 a.m.–3:30 p.m.
Sessions: Full Session
Instructor: Luke Murphy and Danya Springer
Cost: $1,285
$1,145
$1,430
Full Session: $3,700

Literacy Lab
Come have fun while learning with us and get excited about this reading and writing class! Taught by a reading specialist and classroom teachers, Literacy Lab will help your child solidify their reading skills. Your learner will receive a unique assessment to determine what skills will take them to the next level in their reading development. A focus will be on decoding, fluency, and reading books every day at your child’s level. One goal of the program is to improve fluency of reading to make it smoother, faster, and more accurate. All learning will take place in small groups with peers at your child’s skill level. While we will maximize instructional time, we will also have fun through interactive literacy activities including plays and hands-on activities to build reading and writing skills. The class curriculum is facilitated by specialists in Orton-Gillingham, the Wilson program, and the Lucy Calkins writing program. This class also has a weekly rotation of sports, music, library, art, and outdoor water play to round out their day.

Grades: 2
Time: Half Day
8:30 a.m.–12:35 p.m.
Sessions: Full Session
Instructor: Samantha O’Malley and Foley Burckardt, Program Manager
Cost: $2,480

The class will cover the same content each session and we recommend only registering for this class one time.
Martial Arts
Premier Martial Arts fosters child development through physical activities. Our exciting yet disciplined classes focus a child's attention thus improving their ability to learn. Learning builds a sense of accomplishment. Your child will learn Karate, Taekwondo, Kickboxing, and self-defense all while having fun.

Grades: 1–2  
Sessions:  
Time: Late Mornings 10:35 a.m.–12:35 p.m.  
Instructor: Premier Martial Arts  
Cost: $370

Minecraft Code: Star Wars
May the Force be with you! Using the Minecraft platform, students will learn coding fundamentals while exploring fantastical worlds—constructing and coding everything around them including vehicles and planets! In this educational and fun-filled class, students will overcome challenges while learning coding concepts including coordinates, functions, methods, loops, variables, and more!

Grades: 1–2  
Sessions:  
Time: Late Mornings 10:35 a.m.–12:35 p.m.  
Instructor: Code Advantage  
Cost: $460

Minecraft Code: Superheroes
The Minecraft world is in danger! In this class, students will learn coding fundamentals and use them to create powerful superheroes with special abilities. Each class creates a new opportunity for our coders to save the Minecraft world against a new danger! From traveling to a ruined city and exploring a frozen bunker to saving the White House and more. Students will have an amazing time putting their coding skills to the test. Projects include: Anvil Rain using commands and loops, Programmable Robot Bodyguard with selector variables, Gladiator using position variables and fill commands.

Grades: 1–2  
Sessions:  
Time: Afternoons 1:30–3:30 p.m.  
Instructor: Code Advantage  
Cost: $370

Minecraft Code: Avatar the Last Airbender
The balance of the Minecraft world is disrupted! In this riveting class, students will dive into the immersive world of Avatar the Last Airbender, harnessing the power of coding to master the four elements: air, water, earth, and fire! Each session uncovers a new element for young coders to explore and conquer, each with its unique challenges and mysteries. From the towering mountains to the depths of the oceans, from molten lava caverns to expansive plains of gusting winds, the Minecraft world is awaiting your command! Students will embark on an unforgettable journey, putting their coding skills to the ultimate test in an adventure of creativity, problem-solving, and elemental mastery!

Grades: 1–2  
Sessions:  
Time: Late Mornings 10:35 a.m.–12:35 p.m.  
Instructor: Code Advantage  
Cost: $460

My First Passport
This fun program helps students develop a global mindset and build international awareness early in life. Explore cultural differences across countries, current global events, the role of the international institutions like the UN, and more. Students role-play as diplomats and come up with solutions to key global issues like hunger, poverty, and pollution.

Grades: 1–2  
Sessions:  
Time: Late Mornings 10:35 a.m.–12:35 p.m.  
Instructor: Spark Business Academy  
Cost: $415

My First Lemonade Stand
Learn how to make sweet and tangy lemonade—and make money by selling it! Experiment with recipes, design flyers, learn how to count money, make change and tally your profits. Then, in a showcase finale event, launch your lemonade stand and sell, sell, sell to raise funds for a charity students select!

Grades: 1–2  
Sessions: Full Session  
Time: Half Day 10:35 a.m.–3:30 p.m.  
Instructor: Ted Ratliff  
Cost: $2,480

Nature Seekers
Over our six weeks together we will cover four main units of study: Plants/Botany, Freshwater Fish/Fishing, Combustion/Campfires, and Insects. We will explore our campus and the nearby community in order to engage in outdoor hands-on activities each day. We will continually create experiential learning opportunities with our program as we will spend most of our time engaging in these activities, but will also spend time in the classroom learning about these concepts and expressing our learning through various projects and assignments. We can’t wait to get started!

Grades: 1–2  
Sessions:  
Time: Afternoons 1:30–3:30 p.m.  
Instructor: Spark Business Academy  
Cost: $460
Nexplore Robot Makers Club

Nexplore Makers Club is an engineering program designed to inspire kids to pursue futures in science & technology. Students interact with fun maker kits that enhance mechanical, artistic, and engineering skills, while encouraging them to act as inventors in their own right. Participants design their own remote controlled hydraulic arms, learn to harness energy to power race cars, and experiment with structural design. Students can keep their inventions and proudly share their projects with family and friends.

Grades: 1 | 2
Sessions: 1
Time: Early Mornings 8:30-10:30 a.m.
Instructor: Nexplore
Cost: $415

Robotics

This junior robotics course uses a hands-on approach to STEM discovery. Students learn valuable coding concepts while tapping into their imaginations to create and program robots. Step by step, students build for a variety of cool LEGO® robots based around a motor and controller. Then they use a block based programming language to make their creation come to life! It’s educational, cool, and FUN!

Grades: 1 | 2
Sessions: 1
Time: Afternoons 1:30-3:30 p.m.
Late Mornings 10:35 a.m.–12:35 p.m.
Early Mornings 8:30-10:30 a.m.
Instructor: Code Advantage
Cost: $415 $370 $460

Printmaking

This is a wonderful camp for your artist who is interested in investigating alternative art-making techniques that can be repeated. In this class, we will explore creating drawings without pencils, blending and using a range of colors, and incorporating a bit of science with the art of printmaking. Your child will use everyday objects like Coca-Cola and tin foil to make etchings, and balloons and paint to create monotypes, a one-of-a-kind work of art! We will discuss how the goal of printmaking is to duplicate many of the same works of art to spread ideas and messages to a larger audience.

Grades: 1 | 2
Sessions: 1
Time: Early Mornings 8:30-10:30 a.m.
Instructor: Easel Art Studio
Cost: $415

Scratch Jr. Game Time Coding

Using coding skills in Scratch Jr, students will design their own games, such as Coin Collecting, Hide-n-Seek, Magic Cups, Dodgeball, PacMan and more! Each class offers a new and exciting backdrop where kids can let their imaginations go wild!

Prior coding experience is not required.

Grades: 1 | 2
Sessions: 1
Time: Late Mornings 10:35 a.m.–12:35 p.m.
Instructor: Code Advantage
Cost: $415

Scratch Encanto

Welcome to the magical world of Encanto! In this class, students will learn the fundamentals of coding while creating animations and projects with their favorite characters from Encanto. Every class is a new adventure and opportunity to put coding fundamentals into action! From finding Bruno to helping Mirabel find her door, kids will have a blast learning about loops, variables, and more while creating their own magical journey!

Prior coding experience is not required.

Grades: 1 | 2
Sessions: 1
Time: Afternoons 1:30-3:30 p.m.
Instructor: Code Advantage
Cost: $460

The class will cover the same content each session and we recommend only registering for this class one time.

June 17–28 | July 1–12 | July 15–26
Full Session: June 17–July 26
LOCATION: Earl Shapiro Hall

The class will cover the same content each session and we recommend only registering for this class one time.
**Sculpture**

If you dream it, we can build it! During this camp we will create amazing pieces of art using a wide range of material, such as clay, plaster, wire and various recyclable materials to create 3D projects. We will sketch out our ideas, figure out materials, and sculpt to bring a flat drawing into a 3D masterpiece.

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<tr>
<th>Grades:</th>
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<tr>
<td>Time:</td>
<td>Early Mornings 8:30-10:30 a.m.</td>
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<td>Sessions:</td>
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</table>

Instructor: Easel Art Studio

Cost: $460

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**Summer Treats**

This is a hands-on-baking and cooking experience that invites kids to build inspiring culinary skills. From homemade berry handpies to ice cream sandwiches, young chefs will love exploring the tastes of summer as they have fun in the kitchen.

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<tr>
<td>Sessions:</td>
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<tr>
<td>Late Mornings 10:35 a.m.–12:35 p.m.</td>
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</table>

Instructor: Schoolhouse Kitchen + Studio

Cost: $415, $370, $460

Material Fee: $100

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**Tell Your Story**

Tell Your Story uses storytelling, role-play, and improv games to enhance your student’s love of reading. They will examine some of their favorite authors to inspire creative expression. While exploring poetry, folktales, and fiction, students are prompted to harness their imagination to craft various characters, settings, and narratives. Come and let your imagination run wild!

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<tr>
<td>Sessions:</td>
<td>III</td>
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</table>

Instructor: Innovative Art and Education

Cost: $370

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**Young Philanthropists**

Students internalize the benefits of doing well and doing good, reviewing a number of charities, and discussing the merits of giving back. Students collaborate in small teams to select a charity or issue they feel passionate about and come up with practical ways they can support that cause (including raising awareness, volunteering, and fundraising), then create their own mock foundation.

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<td>III</td>
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</table>

Instructor: Spark Business Academy

Cost: $415

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**June 17–28** | **July 1–12** | **July 15–26**

**Full Session:** June 17–July 26

**LOCATION:** Earl Shapiro Hall

The class will cover the same content each session and we recommend only registering for this class one time.
For students entering **Grades 3–5** choose classes à la carte that fit your schedule or choose multiple to create a full-day or half-day experience. If your child will not take part in Afternoon classes, they must be dismissed at 12:30 p.m. and cannot stay for lunch.

### Session June 17–28

<table>
<thead>
<tr>
<th>Early Morning 8:15-10:15 a.m.</th>
<th>Late Morning 10:25 a.m.-12:25 p.m.</th>
<th>Afternoon 1:30-3:30 p.m.</th>
</tr>
</thead>
<tbody>
<tr>
<td>3D Coding with Roblox [4-5]</td>
<td>Creative Chefs</td>
<td>Circus Fun with CircEsteem</td>
</tr>
<tr>
<td>Artificial Intelligence Adventurers</td>
<td>Dungeons &amp; Dragon Adventures</td>
<td>Debate</td>
</tr>
<tr>
<td>Dance Fusion</td>
<td>Hacking and Cybersecurity</td>
<td>Drone Building</td>
</tr>
<tr>
<td>Entrepreneurship</td>
<td>Introduction to Chemistry</td>
<td>Globetrotters</td>
</tr>
<tr>
<td>Game Design</td>
<td>Minecraft Code: Avatar the Last Airbender</td>
<td>Journey Through South Asia</td>
</tr>
<tr>
<td>Hi-Five Sports</td>
<td>Nexplore Flight &amp; Aerodynamics</td>
<td>Language Arts</td>
</tr>
<tr>
<td>Improv</td>
<td>Perler Beads</td>
<td>Scratch Sports</td>
</tr>
<tr>
<td>Still-Life Pictures</td>
<td>School Newspaper</td>
<td>Summer Treats</td>
</tr>
<tr>
<td>Intensive Reading and Writing</td>
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<tr>
<td>LEGO® Robotics</td>
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<tr>
<td>Stories Under the Stars</td>
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<tr>
<td>Adventure Kids</td>
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</tbody>
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### Session July 1–12

<table>
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<tr>
<th>Early Morning 8:15-10:15 a.m.</th>
<th>Late Morning 10:25 a.m.-12:25 p.m.</th>
<th>Afternoon 1:30-3:30 p.m.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Artificial Intelligence Adventurers</td>
<td>Chess</td>
<td>3D Coding with Roblox</td>
</tr>
<tr>
<td>Debate</td>
<td>Darkroom Photography</td>
<td>Breakdance &amp; Hip Hop</td>
</tr>
<tr>
<td>Graphic Design</td>
<td>Game Design</td>
<td>Ceramics</td>
</tr>
<tr>
<td>Hi-Five Sports</td>
<td>Hair &amp; Makeup [4-5]</td>
<td>Circus Fun with CircEsteem</td>
</tr>
<tr>
<td>Homesteading</td>
<td>Martial Arts</td>
<td>Entrepreneurship</td>
</tr>
<tr>
<td>Math Intervention [4wk I+II][5]</td>
<td>Perler Beads</td>
<td>Globetrotters</td>
</tr>
<tr>
<td>Minecraft Code: Superheroes</td>
<td>Scratch</td>
<td>Hacking and Cybersecurity</td>
</tr>
<tr>
<td>Portraits and Selfies</td>
<td>Sports Management</td>
<td>Hi-Five Sports</td>
</tr>
<tr>
<td>Tell Your Story</td>
<td>Ultimate Frisbee</td>
<td>Introduction to Evolution</td>
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<tr>
<td>Intensive Reading and Writing</td>
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<tr>
<td>LEGO® Robotics</td>
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<tr>
<td>Comedy Scenes &amp; Skits</td>
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<tr>
<td>Adventure Kids</td>
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**The class will cover the same content each session and we recommend only registering for this class one time.**
### Session III: July 15–26

<table>
<thead>
<tr>
<th>Early Morning 8:15–10:15 a.m.</th>
<th>Late Morning 10:25 a.m.–12:25 p.m.</th>
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<tbody>
<tr>
<td><strong>Artificial Intelligence Adventurers</strong></td>
<td>3D Coding with Roblox [4-5]</td>
<td>Ceramics</td>
</tr>
<tr>
<td>Dance</td>
<td>Breakdance &amp; Hip Hop</td>
<td>Drone Building</td>
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<tr>
<td>Hacking and Cybersecurity</td>
<td>Chess</td>
<td>Geology Rocks</td>
</tr>
<tr>
<td>Hi-Five Sports</td>
<td>Creative Chef</td>
<td>Hi-Five Sports</td>
</tr>
<tr>
<td>Hollywood Stunts</td>
<td>Debate</td>
<td>Introductory Marine Biology</td>
</tr>
<tr>
<td>Landscapes and Cityscapes</td>
<td>Elem. Exec. Functioning [4-5]</td>
<td>Language Arts</td>
</tr>
<tr>
<td>School Newspaper</td>
<td>Hair &amp; Makeup [4-5]</td>
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</tr>
<tr>
<td>Scratch Sports</td>
<td>My First Food Truck</td>
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</tr>
<tr>
<td>Intensive Reading and Writing</td>
<td>Nexplore Flight &amp; Aerodynamics</td>
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<tr>
<td>LEGO® Robotics</td>
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<tr>
<td>Comedy Scenes &amp; Skills</td>
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<tr>
<td>Adventure Kids</td>
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</table>

**Late Day 3:30–5 p.m.**

- Supervised Lunch & Recess
- Intensive Reading and Writing
- LEGO® Robotics
- Comedy Scenes & Skills
- Adventure Kids

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**3D Coding with Roblox**

In this course, students will design, code and play their own 3D worlds with Roblox Studio! Students code using the programming language Lua which is currently the leading scripting language used in games. Roblox’s special version of this language—Roblox Lua, enhances the experience as students manipulate environments and program while having fun. From Obbys (obstacle courses) to creating Simulator Games, our Roblox Studio Code classes allows kids to publish the games they make—showing friends why Roblox Lua is so awesome!  

*Prior coding experience is not required.*

**Grades:** 4–5  
**Time:** Early Mornings 8:15–10:15 a.m.  
**Sessions:**  
**Instructor:** Code Advantage  
**Cost:** 4: $415  5: $370  "460

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**Artificial Intelligence Adventurers**

Inspirit AI’s Adventurers program is designed for elementary school students with an interest in learning the fundamentals of coding—no programming experience required! Bright minds come together to explore the foundational logic of artificial intelligence. Through a medley of affirming growth mindset exercises, creative paper-based coding, fun block-based programming, and project-based team hack-a-thons, we cultivate the computational and algorithmic thinking kids need to create confidently. We embed concepts like events, loops, conditionals, variables, and functions within a variety of puzzles, riddles, and activities to make coding fun!  

**Grades:** 3–4–5  
**Time:** Early Mornings 8:15–10:15 a.m.  
**Sessions:**  
**Instructor:** Inspirit AI  
**Cost:** 3: $415  4: $370  5: $460

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The class will cover the same content each session and we recommend only registering for this class one time.
Bulls and Bears
Learn how you can start investing at a young age in this fully interactive program! Build your own $100,000 stock portfolio and trade stocks like Apple, Nike or Amazon with a cool investing simulation tool. This innovative experience empowers students with the tools and mindset to face future investment decisions with confidence and buy low, sell high! A solid foundation for successful future investors!

Grades: 3 | 4 | 5
Time: Afternoons 1:30–3:30 p.m.
Sessions: 1
Instructor: Spark Business Academy
Cost: $370

Ceramics
Spend lovely summer afternoons in Lab’s own clay studio! We will work through hand-building techniques like pinching, coiling, and slabs, to make sculptural objects and useful vessels. Your artist will learn about the stages of clay and how to make an object that survives drying without breaking. Some time is given for playing and experimenting with surface treatment and decoration. The instructor will fire the clay pieces in the kiln to finish them before your child gets to take their artwork home.

Grades: 3 | 4 | 5
Time: Afternoons 1:30–3:30 p.m.
Sessions: 1
Instructor: Candice Latimer
Cost: $370

Chess
Join Chess-Ed as they provide a unique, exciting and dynamic chess instructional program designed to life each student to a new level of chess expertise—whether a beginner, continuing, or advanced chess player. Each day students will enjoy an engaging professional chess lesson with supervised time to play with classmates. Students will grow their knowledge of the game—from the basics through opening theory, middle game tactics, and end game combinations. Studies suggest that playing chess increases IQ performance, improves memory, uses analytical and critical thinking skills, teaches problem solving, responsibility, sportsmanship, social skills, and more. The chess program is open to all students of all playing levels.

Grades: 3 | 4 | 5
Time: Early Mornings 8:15–10:15 a.m.
Late Mornings 10:25 a.m.–12:25 p.m.
Sessions: 1
Instructor: Chess-Ed
Cost: $415 $370 $460

Breakdance and Hip Hop Music Videos
This class combines filmmaking with dance. Students will first learn the basics of breakdancing before they are divided into creative teams and assigned a theme. Each team will learn how to choose or create an instrumental track, storyboard, cast, choreograph, film and edit their own original music video that tells a story while featuring breakdancing.

Grades: 3 | 4 | 5
Time: Afternoons 1:30–3:30 p.m.
Late Mornings 10:25 a.m.–12:25 p.m.
Sessions: 1
Instructor: Nexus Performing Arts
Cost: $370 $460
**SummerLab 2024**

**Comedy Scenes & Skits**

Join us as we explore the magic of storytelling through traditional folktales in our multi-sensory friendly theater class! With stories from around the world, you’ll explore the many ways to tell a story through narration, movement, shadow puppetry, and vocal expression. Family and friends are invited to join us on the last day of camp for a performance of one of our folktales.

**Grades:** 3 | 4 | 5  
**Time:** Half Day  
8:15 a.m.-12:25 p.m.  
**Instructor:** Chicago Children’s Theatre  
**Cost:** $740

**Creative Chefs**

Creative Chefs will enjoy exploring cooking techniques and practicing essential cooking skills so that they feel inspired and confident to create their own dishes. Creativity takes center stage as students adapt their own versions of classic recipes that express their ingenuity and personal taste. The kitchen is an exciting environment for self expression!  

**Grades:** 3 | 4 | 5  
**Time:**  
Late Mornings  
10:25 a.m.-12:25 p.m.  
**Instructor:** Schoolhouse Kitchen + Studio  
**Cost:** $415  
**Material Fee:** $100

**Dance**

Learn dance technique and choreography skills through mixed repertoire dance classes, dance education, and exposure to dance performances. Students will also explore their creativity by creating and performing their own dances.

**Grades:** 3 | 4 | 5  
**Time:**  
Early Mornings  
8:15-10:15 a.m.  
**Instructor:** Hyde Park School of Dance  
**Cost:** $460

**Dance Fusion**

This class is an excellent introduction to hip hop dance and Latin moves incorporating creative movement and promoting body awareness and coordination. Students will learn rhythm, musicality, and focus on individual expression while dancing to kid-friendly music. They will learn and create choreography with peers. Students will learn technique, posture, facial expressions, and to count and study the music, all while having fun!

**Grades:** 3 | 4 | 5  
**Time:**  
Afternoons  
1:30-3:30 p.m.  
**Instructor:** Sonia Perez  
**Cost:** $415

**Darkroom Photography**

Did you know that the literal meaning of the word “photograph” is “light picture?” As technological advances in image-making continue to change the way we do things by offering a wealth of options and conveniences, it’s important to look back at the rich history of traditional methods and equipment used to create light pictures. This class takes your learner into Lab’s own darkroom to teach them in a tactile way about the relationship between light and time, and how those two things come together to create a photograph. Your young photographer will take pictures on film using a manual camera, and then print on real black-and-white photo paper and make physical photographs to take home.

**Grades:** 3 | 4 | 5  
**Time:**  
Late Mornings  
10:25 a.m.-12:25 p.m.  
**Instructor:** Candice Latimer  
**Cost:** $370
Debate
Do you want to become a better public speaker and learn how to make convincing arguments? Our Debate class is the perfect place to start! In this course, students will learn how to craft persuasive speeches and participate in debates on various topics. You’ll learn how to analyze different viewpoints, develop your own arguments, and use effective speaking techniques to communicate your ideas. This class will help you become a better speaker and a more critical thinker.

No prior experience is needed—just bring your curiosity and enthusiasm!

Grades: 3 4 5
Sessions:
- Afternoons 1:30–3:30 p.m.
- Early Mornings 8:15–10:15 a.m.
- Late Mornings 10:25 a.m.–12:25 p.m.

Instructor: VineyardAppCamp
Cost: $415 $370 $460

Drone Building
Nexplore Drones is an Aerospace engineering course designed for students to be able to design their drones and encourage students to explore different drone-based careers. Students build and personalize their own remote-controlled drones to complete missions, based off of real-life scenarios; such as flying medicine to a remote part of the African savannah or delivering mail a few blocks over in your neighborhood to a friend! Drone usage is a cutting-edge skill that is on the rise of demand in today’s age.

Instructor: Nexplore
Cost: $415

Dungeons & Dragons Adventures
In this camp students will work cooperatively together and use creative problem-solving skills while playing the Dungeons & Dragons roleplaying game. When not adventuring, campers may spend time using computers to research/develop their characters or they may participate in other fantasy-themed games or physical activities. Both beginners and experienced players are welcome.

Grades: 3 4 5
Time: Late Mornings 10:25 a.m.–12:25 p.m.
Instructor: Matt Maciak
Cost: $415

Elementary Executive Functioning
As children move through elementary school, they need and want to be more independent at school and home. This class is designed to build executive functioning skills for independence while doing something fun. Students will explore and choose interesting projects to prepare, while also learning to use executive functioning skills and strategies. These include goal setting, planning, organizing, managing time, remembering steps, checking progress, and staying on task until completion. When things aren’t going as planned, students will learn to manage their frustrations and persevere until they have reached their goal. Using an evidence-based approach, students will learn what executive functioning skills are and multi-sensory strategies to support these skills that can be applied to other daily activities at home and in school. Activities and games will be incorporated as students learn to work both independently and in a group.

Grades: 4 5
Time: Late Mornings 10:25 a.m.–12:25 p.m.
Instructor: Be Able Learning Services
Cost: $415 $370 $460
Entrepreneurship
Have you ever wanted to start your own business or website? In this class for budding entrepreneurs, that's exactly what you’ll do! You’ll work with a classmate to come up with a simple company idea, taking it as far as it will go before the class ends. You’ll create a business plan, enlist friends and family, and set up everything you need to be a junior entrepreneur: a first email address, a basic app or website, and a presentation. Ultimately, you’ll share your idea with friends and family, work hard to get a first customer, and present all your progress to the whole class.

Foundations of Math
This is a four-week class; the first two weeks will focus on the review of topics such as fractions, decimals, word problems, place value, perimeter/area, and angle basics. The second half of the class students will work on pre-algebra skills such as expressions, equations, percents, probability, and inequalities. Progress monitoring will be implemented through the summer to track growth and understanding. This class will strengthen the basic knowledge and algebraic math skills students will need to be successful in the classroom.

Game Design
Ever wanted to build your own games or apps? Love Roblox or Minecraft? If so, this is the class for you. Students will learn the skills of a coder by conceiving, designing, and creating their own mobile app games. The resulting games can be shared online and texted to friends for them to play on their phones. It’s a great way to combine learning and fun by becoming a game developer. Prior coding experience is not required.

Geology Rocks
Love collecting rocks? Want to learn more about crystals? Ever wondered what types of fossils can be found in your backyard? Look no further! This class will give students the opportunity to learn about various rocks and fossils. As students investigate, they will record their observations in a field journal through illustration and note-taking. They will then be able to apply their knowledge to make inferences about geological processes. This class will utilize hands-on activities as well as field excursions. Come and find out why geology rocks!

### Foundations of Math

**Grades:** 5-7

**Time:**
- Early Mornings: 8:15-10:15 a.m.
- Late Mornings: 10:25 a.m.-12:25 p.m.

**Sessions:**
- Four Weeks: June 17-July 12
- Four Weeks: July 1-26

**Instructor:** Be Able Learning Services

**Cost:**
- June 17-July 12: $785
- July 1-26: $830

### Game Design

**Grades:** 3-5

**Time:**
- Early Mornings: 8:15-10:15 a.m.
- Late Mornings: 10:25 a.m.-12:25 p.m.

**Instructor:** VineyardAppCamp

**Cost:**
- Early Mornings: $415
- Late Mornings: $460

### Geology Rocks

**Grades:** 3-5

**Time:**
- Early Mornings: 8:15-10:15 a.m.
- Late Mornings: 10:25 a.m.-12:25 p.m.

**Instructor:** Ms. Jane

**Cost:** $460

The class will cover the same content each session and we recommend only registering for this class one time.
**Graphic Design**
Interested in drawing, art, or design? In this class, you’ll learn how to use your doodling skills for real, by doing design projects for local nonprofits or small businesses. You will learn how to make professional posters and art that people want to pay for, and you’ll ultimately design posters and ads for real organizations with good causes. Our students’ work has been used in ads and online Instagram posts by the Special Olympics, Martha’s Kitchen, and local shelters.

**Hacking and Cybersecurity**
Have you ever wanted to be a hacker? Or wanted to learn how to code? On the internet these days, it is important to understand how hackers work so you can stay safe from them. In this specialty camp, your child will learn how to “hack” through fun coding (and code-breaking) games. They’ll learn about the three main methods hackers use, hack fake websites we set up, and learn how to stay safe online. Finally, we’ll examine the cybersecurity for a real local business and give them recommendations on how to improve. Get ready to have fun breaking things!

Prior coding experience is not required.

**Globetrotters—Geography Near & Far**
Take a journey around the globe and discover cool things about small towns, bustling cities, small islands, and the vast regions of forest and frozen tundra around the world! Learn how to read a map, make heads or tails of a compass, and recognize flags from places far and near! Your explorer will use atlases, books, and various online resources to gain an understanding of scale, direction, latitude, and longitude while learning the names of the world’s continents and how to use grid lines and symbols to locate places on a map. We will design travel brochures, create mini country maps, and participate in a weekly geography scavenger hunt!

**Hair & Makeup: Hollywood & Broadway**
Lights, camera, action? Not yet. Hair & Makeup are essential showbiz elements in making the talent stage or screen-ready. This class demonstrates how to be proficient and self-sufficient with your own hair and makeup before replicating iconic character’s hair and makeup from award-winning musicals (The Lion King), movies (Harry Potter) and TV Series (Stranger Things).

**Cost:** $370

_Grades: 3 4 5
Sessions: 1 1 1
Instructor: Nexus Performing Arts

**Cost:** $460

_Grades: 4 5
Sessions: 1 3 3
Instructor: Nexus Performing Arts

**Hacking and Cybersecurity**

**Cost:** $370

_Grades: 3 4 5
Sessions: 1
Instructor: VineyardAppCamp

**Cost:** $415

_Grades: 3 4 5
Sessions: 1 3 3
Instructor: VineyardAppCamp

**Hair & Makeup: Hollywood & Broadway**

**Cost:** $460

_Grades: 4 5
Sessions: 1 3 3
Instructor: Nexus Performing Arts

**Cost:** $370

_Grades: 3 4 5
Sessions: 1
Instructor: VineyardAppCamp

**Globetrotters—Geography Near & Far**

**Cost:** $415

_Grades: 3 4 5
Sessions: 1 3 3
Instructor: Marlease Bushnell

**Cost:** $370
Hi-Five Sports

Hi-Five Sports Camp is back at Summer Lab! Since 1999, Hi-Five has provided safe, cutting-edge, skill-developing programs to Chicagoland kids. Just like our campers, we eat, sleep and breathe sports. Our staff is filled with professional coaches, high school and college athletes, as well as local experienced P.E. teachers who promote the fundamentals through personalized instruction and positive reinforcement.

We stress the importance of building self-esteem while always maintaining a sense of humor! Each camper will be placed on a team with an assigned coach. While on their teams, campers spend each day participating in a few of the major team sports like baseball, basketball, volleyball, soccer, flag football, lacrosse, or floor hockey.

Campers will learn to develop their skills through “teaching stations” and gameplay. Please note: Campers do not play every sport every day. We rotate the sports on a daily and weekly basis. We will be providing group and individualized instruction to ensure each child is learning and improving at an age-appropriate level. No matter the skill level of the child, the goal remains the same: to have fun, while learning the value of teamwork and good sportsmanship. We can’t wait to start playing! Sneakers required!

Grades: 3 4 5  
Time: Early Mornings 8:15–10:15 a.m.
Instructor: Hi-Five Sports Camp
Cost: $415 $370 $460

Hollywood Stunts

Have you ever wondered what it takes to stage and choreograph combat scenes in plays, film and television? Learn how to safely perform professional stunts and stage combat used in the arts and entertainment industry. Learning these unique skills strengthens hand-eye coordination and body control while equipping students with insider knowledge and industry tips.

Grades: 3 4 5  
Time: Early Mornings 8:15–10:15 a.m.
Instructor: Nexus Performing Arts
Cost: $370 $460

Homesteading

Homesteading camp is an exploration of things crafty and handmade. From learning how to make homemade cheese to hand sewing, weaving, bread baking and seed starting, Homesteading invites students to learn how to take care of themselves, each other and our environment using practical skills that promote sustainability and inspire a lot of creativity.

Grades: 3 4 5  
Time: Early Mornings 8:15–10:15 a.m.
Instructor: Schoolhouse Kitchen + Studio
Cost: $370 Material Fee: $100

Improv

The Revival, Hyde Park’s improv comedy theater, is thrilled to bring improv to Summer Lab this year! Your child can expect a warm, joyful, and supportive environment that celebrates each day with a variety of fun, “on-your-feet” games and exercises. The Revival’s instructors are among the best in Chicago with a wealth of classroom and stage experience. Improv with The Revival offers a wonderful opportunity for your learner to jumpstart creativity, develop new skills, and have fun.

Grades: 3 4 5  
Time: Early Mornings 8:15–10:15 a.m.
Instructor: The Revival
Cost: $415

Intensive Reading and Writing

Get ready for the next school year by going beyond the reading of the words and learning to actively read to understand and engage in powerful book discussions with peers. Taught by a reading specialist along with classroom teachers, Intensive Reading and Writing is for learners who would benefit from more time to solidify reading accuracy, comprehension, and writing skills. One goal of the program is to improve your child’s fluency in reading to make it smoother, faster, and more accurate.

In addition to reading, we will be expanding your learner’s writing skills, from idea development to spelling and writing mechanics. Students will be broken into groups based on exactly the literacy skill that they need to develop.

Grades: 3 4  
Time: Full Session
Instructor: Yolanda Navarette and Foley Burckardt, Program Manager
Cost: $2,480

Hi-Five Sports Camp is back at Summer Lab! Since 1999, Hi-Five has provided safe, cutting-edge, skill-developing programs to Chicagoland kids. Just like our campers, we eat, sleep and breathe sports. Our staff is filled with professional coaches, high school and college athletes, as well as local experienced P.E. teachers who promote the fundamentals through personalized instruction and positive reinforcement.

We stress the importance of building self-esteem while always maintaining a sense of humor! Each camper will be placed on a team with an assigned coach. While on their teams, campers spend each day participating in a few of the major team sports like baseball, basketball, volleyball, soccer, flag football, lacrosse, or floor hockey.

Campers will learn to develop their skills through “teaching stations” and gameplay. Please note: Campers do not play every sport every day. We rotate the sports on a daily and weekly basis. We will be providing group and individualized instruction to ensure each child is learning and improving at an age-appropriate level. No matter the skill level of the child, the goal remains the same: to have fun, while learning the value of teamwork and good sportsmanship. We can’t wait to start playing! Sneakers required!

Grades: 3 4 5  
Time: Early Mornings 8:15–10:15 a.m.
Instructor: Hi-Five Sports Camp
Cost: $415 $370 $460

Hollywood Stunts

Have you ever wondered what it takes to stage and choreograph combat scenes in plays, film and television? Learn how to safely perform professional stunts and stage combat used in the arts and entertainment industry. Learning these unique skills strengthens hand-eye coordination and body control while equipping students with insider knowledge and industry tips.

Grades: 3 4 5  
Time: Early Mornings 8:15–10:15 a.m.
Instructor: Nexus Performing Arts
Cost: $370 $460

Homesteading

Homesteading camp is an exploration of things crafty and handmade. From learning how to make homemade cheese to hand sewing, weaving, bread baking and seed starting, Homesteading invites students to learn how to take care of themselves, each other and our environment using practical skills that promote sustainability and inspire a lot of creativity.

Grades: 3 4 5  
Time: Early Mornings 8:15–10:15 a.m.
Instructor: Schoolhouse Kitchen + Studio
Cost: $370 Material Fee: $100

Improv

The Revival, Hyde Park’s improv comedy theater, is thrilled to bring improv to Summer Lab this year! Your child can expect a warm, joyful, and supportive environment that celebrates each day with a variety of fun, “on-your-feet” games and exercises. The Revival’s instructors are among the best in Chicago with a wealth of classroom and stage experience. Improv with The Revival offers a wonderful opportunity for your learner to jumpstart creativity, develop new skills, and have fun.

Grades: 3 4 5  
Time: Early Mornings 8:15–10:15 a.m.
Instructor: The Revival
Cost: $415

Intensive Reading and Writing

Get ready for the next school year by going beyond the reading of the words and learning to actively read to understand and engage in powerful book discussions with peers. Taught by a reading specialist along with classroom teachers, Intensive Reading and Writing is for learners who would benefit from more time to solidify reading accuracy, comprehension, and writing skills. One goal of the program is to improve your child’s fluency in reading to make it smoother, faster, and more accurate.

In addition to reading, we will be expanding your learner’s writing skills, from idea development to spelling and writing mechanics. Students will be broken into groups based on exactly the literacy skill that they need to develop.

Grades: 3 4  
Time: Half Day
Instructor: Yolanda Navarette and Foley Burckardt, Program Manager
Cost: $2,480
Introduction to Chemistry

Have you ever wondered what Greek chemistry was like? How were electrons discovered? What are those hexagons that chemists draw? If you’ve asked any of these questions, take this course to find out the answers! This course will be a very basic introduction to some favorite chemistry topics, covering basics such as, what the periodic table is, what an element is, how to draw like an organic chemist, the uniqueness of water, some basic chemistry history, and more! This course will provide basic chemistry knowledge, which will be helpful for future courses. This course will have lectures, demonstrations, and hands-on chemistry experiences to convey topics better and give some lab experience. The final class will introduce students to the most modern atomic structure.

Grades: 3 | 4 | 5
Time: Late Mornings
Sessions: 10:25 a.m.–12:25 p.m.
Instructor: Alexander Costle-Tyler
Cost: $415

Introduction to Evolution

Evolution is the force that has shaped how every animal on the planet, including you, exists. This course will delve into the basics of evolution covering simple genetics, natural selection, the uniqueness of island evolution, the time scale of evolution, and the tumultuous history of the study of evolution. To aid in the studying of this topic, the class will utilize visuals, videos, and interactive activities. One of these activities will be an interactive game where students attempt to create an optimal animal for survival. Furthermore, at the beginning of the first week, each student will pick their favorite animal and the next week of the course will briefly explore the evolutionary history of their respective animals. Finally, the last class will focus on the ideas of conservation, human impact, and global warming impacts on animals.

Grades: 3 | 4 | 5
Time: Afternoons
Sessions: 1:30–3:30 p.m.
Instructor: Alexander Costle-Tyler
Cost: $370

Introductory Marine Biology

More than 70% of the Earth’s surface is covered by oceans and less than 5% of that has been rigorously explored. But in that 5% we have discovered some amazing things. This course will be a brief dive into marine biology. To start, the course will review the basics of ocean geography, introductory marine geology, and discuss why water is so unique. Then the course will spend the majority of the time exploring the most interesting examples of marine biodiversity, ranging from our shorelines and lakes to the deepest explored trenches. The course will include lots of visual and interactive elements taking advantage of wildlife videos, live streams of the deep sea, activities, and games. The final class will talk about ocean conservation and global warming’s impacts.

Grades: 3 | 4 | 5
Time: Afternoons
Sessions: 1:30–3:30 p.m.
Instructor: Alexander Costle-Tyler
Cost: $460

Journey Through South Asia

“Journey Through South Asia Summer Camp” takes children on a journey through the Indian subcontinent virtually visiting several regions. Regions are chosen for cultural and geographic diversity. The curriculum includes geography, history, languages, arts and crafts, dance, music and yoga. The classroom is set up to experience the sights and sounds of the region being visited. Each day has some didactic and some physical learning opportunities. Maps, history, local stories, ethnic arts & crafts, dance, dress, food, yoga, singing and musical instruments from each region are explained and sampled. Children hear a variety of languages and music. The scripts and a few spoken words or simple songs are taught, and snacks may be sampled.

Grades: 3 | 4 | 5
Time: Afternoons
Sessions: 1:30–3:30 p.m.
Instructor: Kalapriya Foundation
Cost: $415
### Language Arts

This class will focus on developing reading fluency, core comprehension skills, and vocabulary development. A variety of readings will be used: fiction and nonfiction passages, reader’s theater, poetry, and novel excerpts. This will culminate in a final small group project to show student growth and progress monitoring will be implemented throughout the summer. Students will learn how to break down words into roots/prefixes/suffixes to support vocabulary comprehension. In addition, the students will work on sentence and paragraph formation based on class readings, and develop reading comprehension through class discussion and written responses.

- **Grades:** 3 | 4 | 5
- **Time:** Afternoons 1:30–3:30 p.m.
- **Instructor:** Candice Latimer
- **Cost:** $415

### LEGO® Robotics

Does your student love building with LEGO®s? Students in this robotics class will learn how to build and program LEGO robots in order to complete a variety of tasks and challenges. This class teaches students the basic principles of engineering, coding, and robotics as well as teamwork and collaboration. With easy-to-learn block coding and online robot-building instructions, students can easily learn the basics while having fun.

- **Grades:** 3 | 4 | 5
- **Time:** Half Day 8:15 a.m.–12:25 p.m.
- **Instructor:** Ethan Fuller
- **Cost:** $830

### Martial Arts

Martial art offers many benefits for the mind and body. Premier Martial Arts will introduce your child to several martial arts disciplines including: Karate, Tae Kwon Do, Kickboxing, and Krav Maga. The youth curriculum is designed to build self-discipline, confidence, and increase concentration and focus— all while having fun!

- **Grades:** 3 | 4 | 5
- **Time:** Late Mornings 10:25 a.m.–12:25 p.m.
- **Instructor:** Premier Martial Arts West Loop
- **Cost:** $370

### Math Intervention

This course is intended for students that require extra support, review and reinforcement of math concepts. Effective, FUN, research-based intervention strategies to strengthen your child’s number sense. We will be using hands-on manipulatives, visuals, and movement-based strategies that will increase your child’s confidence and fluency with numbers. After building conceptual understanding, students will apply their skills through fun, hands-on projects so they can see math used in meaningful real-world contexts. Strengthen procedural and math fact fluency so students can apply procedures accurately, efficiently, and flexibly.

- **Grades:** 3 | 4 | 5
- **Time:** Early Mornings 8:15–10:15 a.m.
- **Instructor:** Julia Guintero
- **Cost:** $785

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**Landscapes and Cityscapes, Places Real and Imagined**

For ages, people have been making visual descriptions of the places that surround them, whether that means actual, observable places, or fictional, dreamt-up ones. Consider cave paintings for instance, with the plains, the hills, and the animals depicted in red and black lines. Or how about the illustrations in your favorite books, and the wide, establishing shots in animated movies? Take a look at those and consider all that someone can communicate in a picture—the time of year, time of day, even the mood or feeling that is present in that place. We will consider these things and more as each student develops a portfolio of landscapes. We will spend some time outside drawing from nature, as students learn about linear and atmospheric perspectives. Students will have a range of materials to use as they create their compositions on paper and canvas.
**Minecraft Code: Avatar the Last Airbender**

The balance of the Minecraft world is disrupted! In this riveting class, students will dive into the immersive world of Avatar the Last Airbender, harnessing the power of coding to master the 4 elements: air, water, earth, and fire! Each session uncovers a new element for our young coders to explore and conquer, each with its unique challenges and mysteries. From the towering mountains to the depths of the oceans, from molten lava caverns to expansive plains of gusting winds, the Minecraft world is awaiting your command! Students will embark on an unforgettable journey, putting their coding skills to the ultimate test in an adventure of creativity, problem-solving, and elemental mastery! Projects include: airbending using levitation potion abilities, waterbending using enchantments, earthbending using loops, random numbers and shapes, and metalbending using loops and agent manipulation, culminating in the Avatar State—a grand test of integrating all coding concepts learned.

*Prior coding experience is not required.*

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**Minecraft Code: Star Wars**

May the Force be with you! Using the Minecraft platform, students will learn coding fundamentals while exploring fantastical worlds—constructing and coding everything around them including vehicles and planets! In this educational and fun-filled class, students will overcome challenges while learning coding concepts including coordinates, functions, methods, loops, variables, and more! Whether your child is a big Star Wars fan or has an interest in space, this class takes them on an exciting "out of this world" adventure!! Projects include: Coding a lightsaber, Surviving an epic battle, Spawning a horde of enemies, and Creating a force attack to destroy blocks.

*Prior coding experience is not required.*

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**Minecraft Code: Superheroes**

The Minecraft world is in danger! In this class, students will learn coding fundamentals and use them to create powerful superheroes with special abilities. Each class creates a new opportunity for our coders to save the Minecraft world against a new danger! From traveling to a ruined city and exploring a frozen bunker to saving the White House and more! Students will have an amazing time putting their coding skills to the test! Projects include: Anvil Rain using commands and loops, Programmable Robot Bodyguard with selector variables, Gladiator using position variables and fill commands.

*Prior coding experience is not required.*

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**My First Food Truck**

Students select a food truck theme, design menus, estimate expenses, determine prices and develop financial projections. Develop a business plan with a marketing strategy, capital-raising needs and more. This unique program offers a tasty way to develop business savvy!

*Grades: 3-5  Time: Late Mornings 10:25 a.m.-12:25 p.m.  Instructor: Spark Business Academy  Cost: $460*

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**Nexplore Flight and Aerodynamics**

Learn the basics of flight from A to Z, from hot air balloons to drones! This is a course is centered around the thrills of aviation. As individual sessions or a sky-high intensive, this program combines the engineering design process, creative thinking, the arts and a collaborative environment as it challenges learners to explore the wonders of flight.

*Grades: 3-5  Time: Late Mornings 10:25 a.m.-12:25 p.m.  Instructor: Nexplore  Cost: $415 – $460*

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**Minecraft Code: Avatar the Last Airbender**

Grades: 3-5  Time: Late Mornings 10:25 a.m.-12:25 p.m.  Instructor: Code Advantage  Cost: $415

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**Minecraft Code: Star Wars**

Grades: 3-5  Time: Sessions 1:30-3:30 p.m.  Instructor: Code Advantage  Cost: $460

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**Minecraft Code: Superheroes**

Grades: 3-5  Time:  Early Mornings 8:15-10:15 a.m.  Instructor: Code Advantage  Cost: $370

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The class will cover the same content each session and we recommend only registering for this class one time.
Perler Beads
This workshop will focus on design and creativity and is ideal for students wanting to make creations from scratch, develop better hand-eye coordination, and build relationships with friends while making pixel art. Students will have the chance to participate in open ended activities to create abstract art designs, enhance concentration and problem solving skills, and cultivate creativity.

Grades: 3 | 4 | 5
Time: Late Mornings 10:25 a.m.-12:25 p.m.
Instructor: Marlease Bushnell
Cost: $415 $370

Portraits and Selfies, Figures and Faces of the People We See
One great thing about drawing and painting bodies and faces is that everyone has one! From Keith Haring's dancing figures to Egyptian tomb paintings to the characters in your favorite graphic novels, there's a wealth of inspiration to draw from. One major focus of this class is proportion: there is a bit of math involved as we map out where everything belongs. Don't let that scare you, students will learn about brushwork, line weight, and ways to make their artworks expressive through facial expressions and posture. By the end of class, each student can expect to have a series of sketches and drawings, as well as one painting on canvas.

Grades: 3 | 4 | 5
Time: Early Mornings 8:15-10:15 a.m.
Instructor: Candice Latimer
Cost: $370

School Newspaper
Have you ever wanted to be a reporter? To keep people informed on the important happenings in your community? Well this is your chance! In this class, we'll explore the ins and outs of both broadcast and print journalism. First, we'll create a school newspaper, where we take on roles as editors and article writers to bring a high quality publication to our fellow students. Then, we’ll create a video log of short, journalistic videos explaining what’s going on at our school. Along the way, we’ll learn things like storyboarding, simple video editing, and interviewing.

Grades: 3 | 4 | 5
Time: Late Mornings 10:25 a.m.-12:25 p.m.
Instructor: Code Advantage
Cost: $370

Scratch
This class provides a powerful learning tool for budding programmers. Using an advanced block coding format, Scratch teaches fundamental programming concepts. Students learn these critical concepts by creating animations and computer games with interacting characters. Students will apply problem solving skills to debug programs, make customizations and bring their imaginations to life!

Prior coding experience is not required.

Grades: 3 | 4 | 5
Time: Late Mornings 10:25 a.m.-12:25 p.m.
Instructor: Code Advantage
Cost: $370

Scratch Sports
In this super fun class, kids learn fundamental programming concepts including loops, conditionals, and variables by creating a variety of games and adventures! Kids marvel at how they can program Scratch to play baseball, program a dragon to fly around the world, and go surfing using math!! This intro to coding forms a solid foundation which can be used in other advanced programming languages.

Prior coding experience is not required.

Grades: 3 | 4 | 5
Time: Afternoons 1:30-3:30 p.m.
Instructor: Code Advantage
Cost: $415 $460

Sports Management
For the sports lover, future team General Manager, sports team owner, or ESPN analyst, this unique program helps students view the world of sports from a business perspective. Students participate in fun mock drafts for various sports and analyze different sports topics, including the value of sports teams, player compensation, college sports, endorsements, the Nike vs. Under Armour competition, sports agents, the Super Bowl, e-sports, and more!

Grades: 3 | 4 | 5
Time: Late Mornings 10:25 a.m.-12:25 p.m.
Instructor: Spark Business Academy
Cost: $370

School Newspaper
Have you ever wanted to be a reporter? To keep people informed on the important happenings in your community? Well this is your chance! In this class, we'll explore the ins and outs of both broadcast and print journalism. First, we'll create a school newspaper, where we take on roles as editors and article writers to bring a high quality publication to our fellow students. Then, we’ll create a video log of short, journalistic videos explaining what’s going on at our school. Along the way, we’ll learn things like storyboarding, simple video editing, and interviewing.

Grades: 3 | 4 | 5
Time: Late Mornings 10:25 a.m.-12:25 p.m.
Instructor: Code Advantage
Cost: $370
Stress Under the Stars
Join us as we explore the magic of storytelling through traditional folktales in our multi-sensory friendly theater class! With stories from around the world, you’ll explore the many ways to tell a story through narration, movement, shadow puppetry, and vocal expression. Family and friends are invited to join us on the last day of camp for a performance of one of our folktales.

Grades: 3 | 4 | 5
Time: Half Day
8:15 a.m.–12:25 p.m.
Instructor: Chicago Children’s Theatre
Cost: $830

Summer Treats
Summertime Treats is a hands-on-baking and cooking experience that invites kids to build inspiring culinary skills. From homemade Berry HandPies to Ice Cream Sandwiches, young chefs love exploring the tastes of summer as they have fun in the kitchen.

Grades: 3 | 4 | 5
Time: Afternoons
1:30–3:30 p.m.
Instructor: Schoolhouse Kitchen + Studio
Cost: $415
Material Fee: $100

Tell Your Story
Tell Your Story uses storytelling, role-play, and improv games to enhance your student’s love of reading. We will examine some of their favorite authors to inspire creative expression. While exploring poetry, folktales, and fiction, students are prompted to harness their imagination to craft various characters, settings, and narratives. Come and let your imagination run wild!

Grades: 3 | 4 | 5
Time: Early Mornings
8:15–10:15 a.m.
Instructor: Innovative Art and Education
Cost: $370

Ultimate Frisbee
Want to have fun and learn valuable social and emotional skills? Well, you can do that through playing Ultimate Frisbee, one of the fastest-growing sports in the US! In addition to being an athletic and welcoming activity, ultimate has a unique collaborative ruleset where players help enforce the rules together, fostering cooperation and growth. Together we’ll learn the game, play together, learn how to be diligent, and overcome challenges through repeated tournament play. Sneakers required!

Grades: 3 | 4 | 5
Time: Late Mornings
10:25 a.m.–12:25 p.m.
Instructor: VineyardAppCamp
Cost: $370

The class will cover the same content each session and we recommend only registering for this class one time.
**Adventure Kids Day Camp**

Adventure Kids Day Camp offers an engaging, high-energy, and rewarding program based on core values of trust, communication, and teamwork. Throughout this experience, campers and staff alike enhance their leadership qualities and advance their cooperative skills and self-confidence through team challenges and group team-building. Our campers and staff are quick to connect and proudly return summer after summer, forging friendships and creating lasting memories. Come join us for a truly remarkable adventure!

**Grades:** 3–8

**Time:**
- **Full Session:** 8:15 a.m.–3:30 p.m.
- **Full Day:** 8:15 a.m.–3:30 p.m.

**Program Manager:** Meghan Janda

**Cost:**
- **Full Session:** $3,700
- **$1,285**
- **$1,430**
Field Trips
Field trips are at the top of the list for favorite adventures at AK. Campers will visit some local and Chicagoland area attractions. We also use our very own beautiful campus and surrounding areas for some walking adventures. Campers go on age-specific field trips every Tuesday and Thursday.* Campers in grades 6-8 will have an opportunity to attend our traditional overnight camping trip to Camp Duncan during Session III. In addition to experiencing all of the adventures of camping, they will also participate in boating, blobbing, zip-lining, rock climbing, and high ropes courses.

*Summer Lab reserves the right to make changes to trips listed

Session I
June 18  In the Game Hollywood Park
June 20  Climb Zone
June 25  Morton Arboretum Adventure
June 27  The Forge

Session II
July 2  Urban Air Adventure Park
July 4  No Camp
July 9  Whoa Zone
July 11  Navy Pier (Grades 3-5) and Great America (Grades 6-8)

Session III
July 16  Brookfield Zoo (Grades 3-5) and Ping Tom Park and Chicago River Adventure (Grades 6-8)
July 18  Funtopia (Grades 3-5) and Camp Duncan (Grades 6-8)
July 23  Beach
July 25  Deep River Water Park

Swimming
We are excited to partner with M3 Aquatics to provide an excellent swim program including lessons for children of all ability levels. Swimming takes place on Monday, Wednesday, and Friday weekly. The swim program will have low student-instructor ratios to ensure each child gets individualized attention while learning team-building skills. Campers will participate in a balanced aquatics experience, including games, lessons, workouts, and FUN!

Adventure Kids Sports
We offer a variety of sports and fun activities based on our weekly themes. From basketball and pickleball, to the ever-so-popular game of Quidditch, Adventure Kids takes full advantage of Lab’s awesome facilities including multiple gyms, fields, playgrounds, pool, tennis courts, and more. Consistent with the core Adventure Kids values, all activities promote an all-inclusive and cooperative group dynamic.

AK Camp Idol and other Special Events
AK Camp Idol is our end-of-session showcase of talents. Groups work together to develop creative, energetic, and fun dance routines and other varying talents that they perform on the last day of the session in front of their fellow campers, staff, and an energetic crowd of fans. Special events are planned throughout each session according to our themes.

Specialty Classes
Campers will participate in all that Adventure Kids supervisors and specialists have to offer. We love supporting our camper’s passions and interests. Some examples that campers have explored include arts and crafts, wellness/yoga, gardening, music, dance, LEGOs, STEM challenges, and sports conditioning. Some classes specifically offered to older groups include an opportunity to participate in specialty units of outdoor adventures including fishing, paddle boarding, visits to Hyde Park’s historic lakefront treasure, The Point, and campus orienteering adventures.
For students entering **Grades 6-8**, choose classes à la carte that fit your schedule or choose multiple to create a full-day or half-day experience. If your child will not take part in Afternoon classes, they must be dismissed at 12:30 p.m. and cannot stay for lunch.

### Session 1: June 17–28

<table>
<thead>
<tr>
<th>Time</th>
<th>Early Morning</th>
<th>Late Morning</th>
<th>Afternoon</th>
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<tr>
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<td>8:15–10:15 a.m.</td>
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<tr>
<td>AI Gaming &amp; Machine Learning</td>
<td>Chess</td>
<td>Supervised Lunch &amp; Recess</td>
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<td>Dance Fusion</td>
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<td>LEGO Robotics</td>
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<tr>
<td>Foundations of Math</td>
<td>Darkroom Photography</td>
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<td>Pygame</td>
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<tr>
<td>Looking Beyond Words</td>
<td>Hi-Five Sports</td>
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<td>World Peace Game [6-7]</td>
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<tr>
<td>Web &amp; App Development</td>
<td>Improv</td>
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<td>Creative Chefs</td>
<td>Dance Fusion</td>
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**Session 1: June 17–28**

**Session 2: July 1–12**

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<thead>
<tr>
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<td>Chess</td>
<td>Dungeons &amp; Dragons Adventures</td>
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<tr>
<td>Executive Functioning</td>
<td>Hi-Five Sports</td>
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<tr>
<td>Foundations of Math</td>
<td>Hollywood Stunts</td>
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<tr>
<td>Minecraft Code: Harry Potter</td>
<td>Homesteading</td>
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<tr>
<td>Crafting Compelling Arguments and Poetic Voices</td>
<td>Introduction to Evolution</td>
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**Session 2: July 1–12**

**Adventure Kids**

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*The class will cover the same content each session and we recommend only registering for this class one time.*
Acting Tools: Comedy & Movement

Get ready to shake out the nerves and take the stage as a confident and collaborative performer. In this class you will focus on text analysis, basics of physical comedy, and performing comedic scenes to develop essential theater skills. The last day of class will culminate in a showcase of comedic scenes to share with your family and friends.

Grades: 6 7 8
Time: Afternoons 1:30–3:30 p.m.
Instructor: Chicago Children’s Theatre
Cost: $415

The class will cover the same content each session and we recommend only registering for this class one time.
Breakdance and Hip Hop Music Videos
This class combines filmmaking with dance. Students will first learn the basics of breakdancing before they are divided into creative teams and assigned a theme. Each team will learn how to choose or create an instrumental track, storyboard, cast, choreograph, film, and edit their own original music video that tells a story while featuring breakdancing.

Grades: 6 7 8  
Time: Afternoons  
Sessions:  
Instructor: Nexus Performing Arts  
Cost: $370

Chess
Join Chess-Ed as they provide a unique, exciting and dynamic chess instructional program which lifts each student to a new level of chess expertise—whether a beginner, continuing or advanced chess player. Each day students will enjoy an engaging professional chess lesson with supervised time to play with classmates. Students will grow their knowledge of the game—from the basics through opening theory, middle game tactics, and end game combinations. Studies suggest that playing chess increases IQ performance, improves memory, uses analytical and critical thinking skills, teaches problem solving, responsibility, sportsmanship, social skills, and more. The chess program is open to all students of all playing levels.

Grades: 6 7 8  
Time:  
Sessions:  
Instructor: Chess-Ed  
Cost: $415

Ceramics
Spend lovely summer afternoons in Lab’s own clay studio. We will work through hand-building techniques, like pinching, coiling, and slabs, to make sculptural objects and useful vessels. Your artist will learn about the stages of clay and how to make an object that survives drying without breaking. Some time is given for playing and experimenting with surface treatment and decoration. The instructor will fire the clay pieces in the kiln to finish them before your child gets to take their artwork home.

Grades: 6 7 8  
Time:  
Sessions:  
Instructor: Candice Latimer  
Cost: $415

Animation and The Humanities I
Students will familiarize themselves with a variety of age-appropriate animation series, spanning the last one hundred years. We will summarize, discuss, and write about specific episodes through different lenses of critical analysis used in humanities classes. This session will help students communicate and express themselves in writing. Students will practice making and presenting arguments related, but not limited, to comparing and contrasting, character development, and plot analysis. Students will improve their writing with frequent exercises to develop their written voices. Ultimately, this session will help increase confidence and familiarity with the writing process through a medium which many of them enjoy.

Grades: 6 7 8  
Time:  
Sessions:  
Instructor: Deb Foote  
Cost: $370

Animation and The Humanities II
Students will familiarize themselves with the rise and evolution of age-appropriate animation movies, while learning to talk and write about them using different lenses of critical analysis applied in humanities classes. This session will help students construct and present critical commentary using specific examples and evidence. Students will learn about and apply terms related to character development, irony, and satire effectively. Ultimately, this session will help increase students’ confidence and familiarity with the writing process through a medium which many of them enjoy.

Grades: 6 7 8  
Time:  
Sessions:  
Instructor: Deb Foote  
Cost: $370

June 17–28  |  July 1–12  |  July 15–26    Full Session: June 17–July 26  
LOCATION: Historic Campus  
The class will cover the same content each session and we recommend only registering for this class one time.
CPS Selective Enrollment Test Prep
Academic Approach applies a research-based, data-driven instructional cycle to our preparation courses. Our High School Entrance Exam prep class is designed to provide students with the essential skills and knowledge needed to excel in the CPS Selective Enrollment exam. Courses are best suited for students interested in improving their score growth potential by reviewing key skill sets in reading, writing, math, and their application on the high school admissions exam. Sixteen hours of total instruction are customized to introduce reading annotation, math problem solving, grammar, and rhetorical skills, all with a rigorous emphasis on the admissions test standards and practices. As part of our course, students will sit for two full-length, practice tests.

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<thead>
<tr>
<th>Grades: 8</th>
<th>Time: Late Mornings 10:25 a.m.–12:25 p.m.</th>
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<tr>
<td>Sessions:</td>
<td></td>
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<tr>
<td>Instructor: Academic Approach</td>
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<tr>
<td>Cost: $460</td>
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Crafting Compelling Arguments and Poetic Voices
This class sparks the imagination of middle schoolers, igniting their writing and speaking talents. They will embark on a lively journey into the realms of poetry and persuasive prose. Do you enjoy creative writing and poetry in motion? Take a stroll around the beautiful University of Chicago campus to hone your imagery skills. Then, return to the classroom for nature journaling. We will explore different styles of poetry, such as haiku, limerick, quatrain, clerihew, diamante, and more. This course will also explore argumentative writing. Students debate a controversial issue and use several sources to create written arguments to support claims. Students engage in every step of the writing process.

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<tr>
<td>Sessions:</td>
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<tr>
<td>Instructor: Joy Parham</td>
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<tr>
<td>Cost: $740 $920</td>
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Creative Chefs
Creative Chefs will enjoy exploring cooking techniques and practicing essential cooking skills so that they feel inspired and confident to create their own dishes. Creativity takes center stage as students adapt their own versions of classic recipes that express their ingenuity and personal taste. The kitchen is an exciting environment for self expression! ☞

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<tr>
<td>Instructor: Schoolhouse Kitchen + Studio</td>
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<tr>
<td>Cost: $415 $460 Material Fee: $100</td>
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Darkroom Photography
Did you know that the literal meaning of the word “photograph” is “light picture?” As technological advances in image-making continue to change the way we do things by offering a wealth of options and conveniences, it’s important to look back at the rich history of traditional methods and equipment used to create light pictures. This class takes your learner into Lab’s own darkroom to teach them in a tactile way about the relationship between light and time, and how those two things come together to create a photograph. Your young photographer will take pictures on film using a manual camera, and then print on real black-and-white photo paper and make physical photographs that they can take home.

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<tr>
<td>Instructor: Sonia Perez</td>
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Dance Fusion
This class is an excellent introduction to hip hop dance and Latin moves incorporating creative movement and promoting body awareness and coordination. Students will learn rhythm, musicality, and focus on individual expression while dancing to kid-friendly music. They will learn and create choreography with peers. Students will learn technique, posture, facial expressions, and to count and study the music, all while having fun!

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The class will cover the same content each session and we recommend only registering for this class one time.
Debate

Do you want to become a better public speaker and learn how to make convincing arguments? Our Debate class is the perfect place to start! In this course, students will learn how to craft persuasive speeches and participate in debates on various topics. You’ll learn how to analyze different viewpoints, develop your own arguments, and use effective speaking techniques to communicate your ideas. This class will help you become a better speaker and a more critical thinker.

No prior experience is needed—just bring your curiosity and enthusiasm!

Grades: 6 7 8
Sessions: 3
Instructor: VineyardAppCamp
Cost: $460

Directing the Stage

Interested in, one day, becoming a director for film, television, music videos, commercials, or theater? Each of those directing professions begins with navigating and utilizing a director’s very first “set”...the stage. Led by a directing mentor, students will learn the fundamentals of directing through examining a short script or creating an original scene. Afterwards, students will bring their work from the page to the stage through blocking, rehearsing, cleaning and finally, presenting.

Grades: 6 7 8
Sessions: 3
Instructor: Nexus Performing Arts
Cost: $370

Dungeons & Dragons Adventures

In this camp, your young hero will work cooperatively with peers and use creative problem-solving skills while playing the Dungeons & Dragons roleplaying game. When not adventuring, your camper may spend time using computers to research and develop their characters, or they may participate in other fantasy-themed games or physical activities.

Both beginners and experienced players are welcome.

Grades: 6 7 8
Sessions: 3
Instructor: Matt Maciak
Cost: $415

Executive Functioning & Study Skills

As students get older, they have more to manage: sports, clubs, exams, and increased assignments. This class is designed to teach students key executive functioning strategies and study skills that are essential for success in school and daily life. Students will learn how to keep their materials organized and what organizational tools they can use, how to manage their time as their commitments grow, and how to properly study for tests and exams. Additional skills that will be covered are how to be adaptable and flexible with their thinking, how to set realistic goals, and how to self-monitor to make sure they are on track to achieve those goals.

This will be done through the use of an evidence-based executive functioning curriculum designed specifically for pre-teens and teens. We will use this curriculum, as well as interactive activities and games, to develop executive functioning and study skills.

Grades: 6
Sessions: 3
Instructor: Be Able Learning Services
Cost: $370

Foundations of Math

This is a four week class; the first two weeks will focus on the review of topics such as fractions, decimals, word problems, place value, perimeter/area, and angle basics. The second half of the class, students will work on pre-algebra skills such as expressions, equations, percents, probability, and inequalities. Progress monitoring will be implemented throughout the summer to track growth and understanding. This class will strengthen basic knowledge and algebraic math skills students will need to be successful in the classroom.

Grades: 5 6 7
Sessions: Four Weeks
Instructor: Be Able Learning Services
Cost: June 17–July 12: $785
July 1–26: $830

Hair & Makeup: Hollywood & Broadway

Lights, camera, action? Not yet. Hair & Makeup are essential showbiz elements in making the talent stage or screen-ready. This class demonstrates how to be proficient and self-sufficient with your own hair and makeup before replicating iconic character’s hair and makeup from award-winning musicals (The Lion King), movies (Harry Potter) and TV Series (Stranger Things).

Grades: 6 7 8
Sessions: 3
Instructor: Nexus Performing Arts
Cost: $460
Hi-Five Sports

Hi-Five Sports Camp is back at Summer Lab! Since 1999, Hi-Five has provided safe, cutting-edge, skill-developing programs to Chicagoland kids. Just like our campers, we eat, sleep and breathe sports. Our staff is filled with professional coaches, high school and college athletes, as well as local experienced P.E. teachers who promote the fundamentals through personalized instruction and positive reinforcement.

We stress the importance of building self-esteem while always maintaining a sense of humor! Each camper will be placed on a team with an assigned coach. While on their teams, campers spend each day participating in a few of the major team sports like baseball, basketball, volleyball, soccer, flag football, lacrosse, or floor hockey. Campers will learn to develop their skills through “teaching stations” and gameplay. Please note: Campers do not play every sport every day. We rotate the sports on a daily and weekly basis. We will be providing group and individualized instruction to ensure each child is learning and improving at an age-appropriate level. No matter the skill level of the child, the goal remains the same: to have fun, while learning the value of teamwork and good sportsmanship. We can’t wait to start playing!

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<tr>
<td>Sessions:</td>
<td>☑</td>
<td>Instructor: Hi-Five Sports Camp</td>
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<tr>
<td>Cost:</td>
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<td>$460</td>
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Hollywood Stunts

Have you ever wondered what it takes to stage and choreograph combat scenes in plays, film and television? Learn how to safely perform professional stunts and stage combat used in the arts and entertainment industry! Learning these unique skills strengthens hand-eye coordination and body control while equipping students with insider knowledge and industry tips.

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Homesteading

Homesteading camp is an exploration of things crafty and handmade. From learning how to make homemade cheese to hand sewing, weaving, bread baking and seed starting, Homesteading invites students to learn how to take care of themselves, each other and our environment using practical skills that promote sustainability and inspire a lot of creativity.

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Hoopin’ It Up

In this camp, your athlete will participate in a variety of basketball-themed activities, including drafting their own fantasy teams to use in a statistically-based board game and playing basketball in the gym. While having fun, campers will utilize executive functioning, math calculation, and computer spreadsheet skills.

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<td>Sessions:</td>
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<td>Instructor: Matt Maciak</td>
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Improv
The Revival, Hyde Park’s improv comedy theater, is thrilled to bring improv to Summer Lab this year! Your child can expect a warm, joyful, and supportive environment that celebrates each day with a variety of fun, “on-your-feet” games and exercises. The Revival’s instructors are among the best in Chicago with a wealth of classroom and stage experience. Improv with The Revival offers a wonderful opportunity for your learner to jumpstart creativity, develop new skills, and have fun.

Grades: 6 7 8
Time: Late Mornings
10:25 a.m.–12:25 p.m.
Instructor: The Revival
Cost: $415

Introduction to Chemistry
Have you ever wondered what Greek chemistry was like? How were electrons discovered? What are those hexagons that chemists draw? What Quantum Mechanics are? If you’ve asked any of these questions, take this course to find out the answers! This course will be a very basic introduction to some favorite chemistry topics, covering basics such as, what the periodic table is, what an element is, how to draw like an organic chemist, the uniqueness of water, some basic chemistry history, and more! This course will provide basic chemistry knowledge, which will be helpful for future courses. This course will have lectures, demonstrations, and hands-on chemistry experiences to convey topics better and give some lab experience. The final class will introduce students to the most basic and fun Quantum Mechanical principles.

Grades: 6 7 8
Time: Afternoons
1:30–3:30 p.m.
Instructor: Alexander Costle-Tyler
Cost: $415

Introduction to Evolution
Evolution is the force that has shaped how every animal on the planet, including you, exists. This course will delve into the basics of evolution covering simple genetics, mutations, natural selection, competition, the uniqueness of island evolution, the time scale of evolution, and the tumultuous history of the study of evolution. To aid in the studying of this topic, the class will utilize visuals, videos, and interactive activities. One of these activities will be an interactive game where students attempt to create an optimal animal for survival and if they are interested can have their animals compete. Furthermore, at the beginning of the first week, each student will pick their favorite animal and the next week of the course will briefly explore the evolutionary history of their respective animals. Finally, the last class will focus on the ideas of conservation, human impact, and global warming’s impacts on animals.

Grades: 6 7 8
Time: Late Mornings
10:25 am–12:25 p.m.
Instructor: Alexander Costle-Tyler
Cost: $370

Introductory Marine Biology
More than 70% of the Earth’s surface is covered by oceans and less than 5% of the ocean has been rigorously explored. But in that 5% we have discovered some amazing things. This course will be a brief dive into marine biology. To start, the course will review the basics of ocean geography, cover plate tectonics, and discuss the chemical characteristics of water and salt water. Then the course will spend the majority of the time exploring the most interesting examples of Marine biodiversity, ranging from our shorelines and lakes to the deepest explored trenches. The course will include lots of visual and interactive elements taking advantage of wildlife videos, live streams of the deep sea, activities, and games. The final class will talk about ocean conservation, ocean acidification and global warming.

Grades: 6 7 8
Time: Late Mornings
10:25 a.m.–12:25 p.m.
Instructor: Alexander Costle-Tyler
Cost: $460

June 17–28  |  July 1–12  |  July 15–26    Full Session: June 17–July 26
LOCATION: Historic Campus
The class will cover the same content each session and we recommend only registering for this class one time.
LEGO® Robotics

Does your student love building with LEGOs? Students in this robotics class will learn how to build and program LEGO robots in order to complete a variety of tasks and challenges. This class teaches students the basic principles of engineering, coding, and robotics as well as teamwork and collaboration. With easy to learn block coding and online robot building instructions, students can easily learn the basics while having fun.

Looking Beyond Words

This class will focus on honing the analytical reading and writing skills your child will need as the class advances. Students now need to know how to “look beyond” the text; this includes the skills of analyzing a character’s thoughts and actions, determining the author’s purpose and point of view, identifying key literary elements within a text, and expressing different thoughts and ideas through critical writing. Progress monitoring will be implemented through the summer to track growth and understanding, and a variety of readings will be used: fiction and nonfiction passages, readers theater, poetry, and novel excerpts. As your child grows as a reader, they need to practice higher-level thinking skills; this class is designed to further introduce these skills and allow the students to practice them before the start of their academic year.

Martial Arts

Premier Martial Arts fosters child development through physical activities. Our exciting yet disciplined classes focus a child’s attention thus improving their ability to learn. Learning builds a sense of accomplishment. Your child will learn Karate, Taekwondo, Kickboxing, and self-defense all while having fun.

Minecraft Code: Avatar the Last Airbender

The balance of the Minecraft world is disrupted! In this riveting class, students will dive into the immersive world of Avatar the Last Airbender, harnessing the power of coding to master the 4 elements: air, water, earth, and fire! Each session uncovers a new element for our young coders to explore and conquer, each with its unique challenges and mysteries. From the towering mountains to the depths of the oceans, from molten lava caverns to expansive plains of gusting winds, the Minecraft world is awaiting your command! Students will embark on an unforgettable journey, putting their coding skills to the ultimate test in an adventure of creativity, problem-solving, and elemental mastery. Projects include: airbending using levitation potion abilities, waterbending using enchantments, earthbending using loops, random numbers and shapes, metalbending using loops and agent manipulation, culminating in the Avatar State—a grand test of integrating all coding concepts learned.

Minecraft Code: Harry Potter

In this class, students will learn to code while exploring an interactive Harry Potter world in Minecraft! Every class is a new adventure and opportunity to put coding fundamentals into action. Kids will take on quests, fight off some monsters, and cast some magic spells! Projects include: brewing potions, enchanting items with special abilities, and learning Redstone basics.

Prior coding experience is not required.

Grades:

6 7 8

Time:

Afternoons
1:30–3:30 p.m.

Instructor: Code Advantage

Cost:

$370

Looking Beyond Words

Grades:

6 7 8

Time:

Early Mornings
8:15–10:15 a.m.

Instructor: Be Able Learning Services

Cost:

$415 $460

Martial Arts

Grades:

6 7 8

Time:

Afternoons
1:30–3:30 p.m.

Instructor: Premier Martial Arts

Cost:

$370

Minecraft Code: Avatar the Last Airbender

Grades:

6 7 8

Time:

Early Mornings
8:15–10:15 a.m.

Instructor: Code Advantage

Cost:

$370

Minecraft Code: Harry Potter

Grades:

6 7 8

Time:

Early Mornings
8:15–10:15 a.m.

Instructor: Code Advantage

Cost:

$460
SummerLab
2024

Pygame
Using Pygame, a powerful set of tools for Python game design, students will have a blast remaking the classic video game Asteroids and putting a modern Among Us twist on it! Key skills students will build in class:
1. Learning Pygame for Python, a powerful game creating toolset
2. Recreating classic game styles and concepts, as well as customizing the game with your own graphics
3. Understanding and effectively applying Object Oriented Programming (OOP).

Prior coding experience is not required.

Grades: 6 7 8
Sessions: Afternoons 1:30–3:30 p.m.
Instructor: Code Advantage
Cost: $415  $370  $460

Python
Ever wonder how YouTube, Google, or Instagram were created? Python. Python is a powerful “typed” language that will allow students to build a series of applications and explore complex graphics, animation, and sound to become a “real world” programmer! This versatile and widely used programming language is a great next step for experienced programmers. It also offers an “on-ramp” for middle school students ready to learn to code.

Grades: 6 7 8
Sessions: Late Mornings 10:25 a.m.–12:25 p.m.
Instructor: Code Advantage
Cost: $415  $370  $460

Screenwriting
Enter the writers room each day where, as a team, we will create an original television pilot for a mini or web series. Beginning in small groups or pairs, our writers will pitch an idea for a series while explaining which network/streaming service is the best platform for their pitch. Our head writer/teacher will submit each pitch to a legitimate studio executive at Disney who will choose the winning pitch. Afterwards, our screenwriters will join forces as staff writers, transforming the winning pitch into a pilot while learning the process along the way.

Grades: 6 7 8
Sessions: Afternoons 1:30–3:30 p.m.
Instructor: Nexus Performing Arts
Cost: $460

Summer Treats
Summertime Treats is a hands-on-baking and cooking experience that invites kids to build inspiring culinary skills. From homemade berry handpies to ice cream sandwiches, young chefs love exploring the tastes of summer as they have fun in the kitchen.

Grades: 6 7 8
Sessions: Afternoons 1:30–3:30 p.m.
Instructor: Schoolhouse Kitchen + Studio
Cost: $370
Material Fee: $100

The class will cover the same content each session and we recommend only registering for this class one time.
**Triple Threat: Musical Theatre**
Are you the next Broadway star? Or is singing in the shower more your speed? Either way, Triple Threat will have you learning the music and dances from some of your favorite contemporary musicals and bringing them to life with fellow talented actors. Through character work, movement study, and vocal exploration, you will develop essential skills for taking to the stage confidently and charismatically. On the last day of camp, you will share songs and scenes remixed from your favorite musicals with your family and friends.

- **Grades:** 6 7 8
- **Time:** Afternoons 1:30–3:30 p.m.
- **Instructor:** Chicago Children’s Theatre
- **Cost:** $460

**Web and App Development**
We all use web-based apps to shop, communicate, play games, and so much more. This course teaches the building blocks to program and design interactive websites with an emphasis on creative design and technical learning. Students build and customize dynamic websites and mobile-friendly apps using HTML, CSS, and JavaScript.

- **Grades:** 6 7 8
- **Time:** Early Mornings 8:15–10:15 a.m. and Late Mornings 10:25 a.m.–12:25 p.m.
- **Instructor:** Code Advantage
- **Cost:** $415

**World Peace Game**
Students take on roles as world leaders to achieve world peace in a time of conflict. As country leaders, students debate and create solutions for a series of fictional but realistic crises, including natural disasters, disturbance of archaeological relics, land grabs, and impending irreversible climate change. The game requires students to research non-governmental organizations, scientific advancements, and other real world issues to try to resolve the World Peace Game to the benefit of all nations.

- **Grades:** 6 7
- **Time:** Afternoons 1:30–3:30 p.m.
- **Instructor:** Jessica Majors
- **Cost:** $460