



THE UNIVERSITY OF
CHICAGO

Laboratory
Schools

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Summer Lab

June 20–July 29 2016

Adventure Kids Day Camp • Summer Lab on Stage • Summer School • Fun in the Sun • Sports Camps



summerlab.org

Having fun, learning a ton. *That's Summer Lab.*

What did you do last summer? For kids who went to Summer Lab, the real question is what didn't you do? Creating, adventuring, playing, computing, collaborating, running, dancing, performing, reading, calculating, cooperating. Summer Lab has it all.

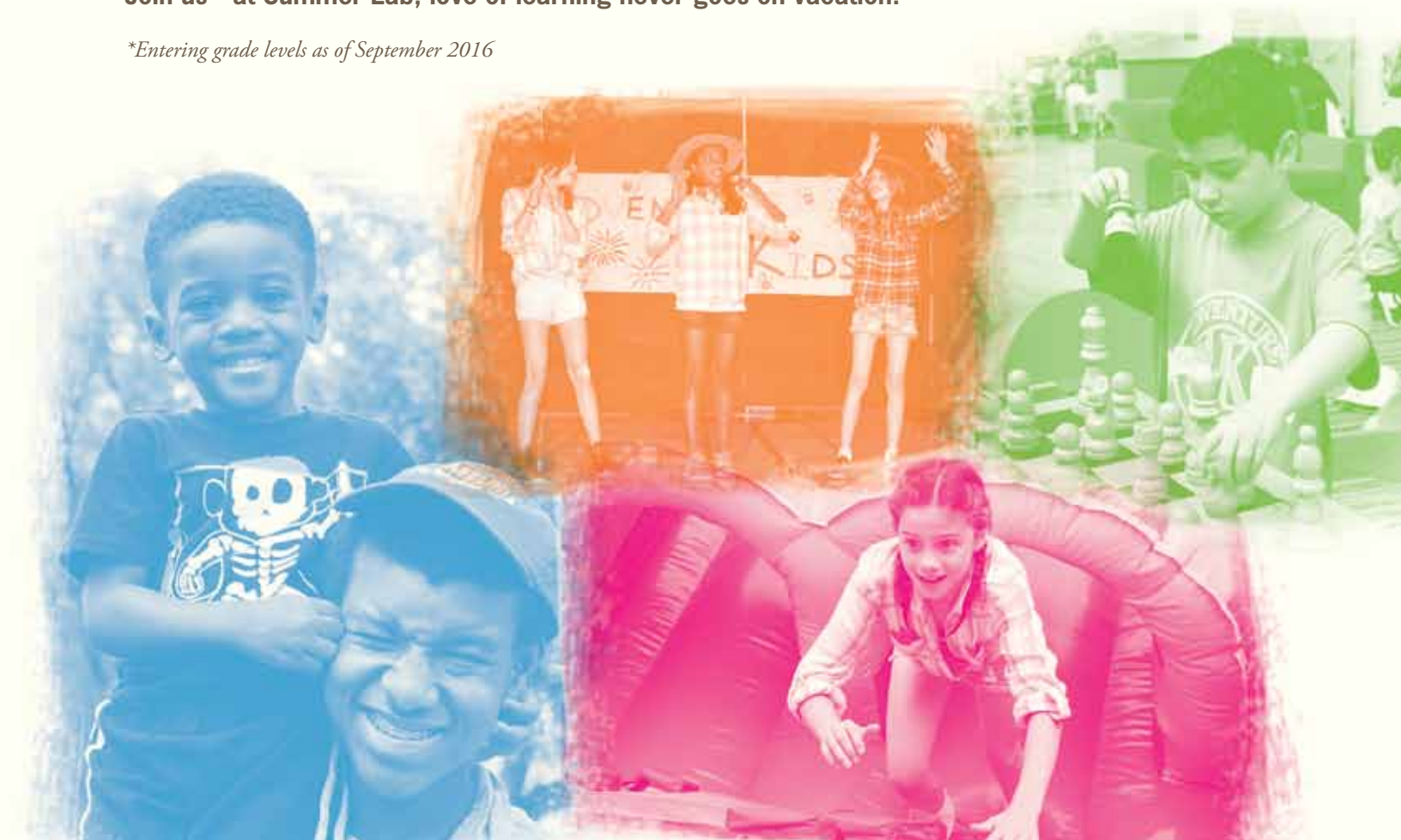
Summer Lab builds on almost 70 years of summer programming at the University of Chicago Laboratory Schools. This is our time to extend the Schools' mission into the summer time, inviting not just Lab students but all students and their families to join in our community. Last summer, just over 1,000 children, ages 3–17, joined up with Summer Lab to engage in one or more of these extraordinary programs: **Adventure Kids Day Camp**, Grades 1–8; **Fun in the Sun**, Grades 1–8; **Summer School**, Grades Nursery–12; **Sports Camps**, Grades Nursery–8; **Summer Lab on Stage**, Grades 5–8.*

Students and campers may choose a single activity for all six weeks, or vary their schedule between the first three weeks (Session I) and the second three weeks (Session II). Mornings and afternoons offer additional opportunity for variation, as do the new-for-2016 one-week i2 science classes for middle school students.

Summer Lab takes advantage of the unmatched facilities on the Laboratory Schools' two campuses, Earl Shapiro Hall, for Grades N–2, and the Historic Campus, for Grades 3–12.

Join us—at Summer Lab, love of learning never goes on vacation.

**Entering grade levels as of September 2016*



“Another **AWESOME** day!”

“Very **engaged** with the students.”

“**SUPER FUN!**”

“**Far exceeded**
my expectations.”

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At Lab, we know that education is not something that happens just in school. Learning is a year-round event, which can, and should, take many forms. Our Summer Lab programs range from sports and theater to urban adventure and academics. The programs are fun and inspire curiosity, creativity, and confidence in each child. Summer Lab programs are open to all and draw children from around the neighborhood and from around the world.

In an environment that focuses on the child, and in which diversity in all of its expressions is honored, Summer Lab students make new friends, learn new skills, play, make art, explore the environment, perform, and much, much more. Our programs benefit from University of Chicago resources, which make Summer Lab very special, indeed, and helps our Summer Lab children make the most of the promise of summer.

We hope Summer Lab is right for your child and your family.

Warm regards,

Robin Appleby
Director, The University of Chicago Laboratory Schools

Adventure Kids Day Camp

Open to students entering Grades 1–8

Full Session: June 20–July 29

Session I: June 20–July 8

Session II: July 11–July 29

Full Day: 8:30 a.m.–3:00 p.m.

Adventure Kids Day Camp adheres to the mission of the Laboratory Schools by offering a safe, high energy, and rewarding program based on the core values of trust, communication, creativity, and teamwork. Through this experience, Campers and Staff alike enhance their cooperative skills, self-confidence and leadership qualities. Every day is jam-packed with fun! The rewards are as endless as the friendships and memories created.

Our Activities: Field Trips every Tuesday and Thursday, Specialty Classes, Swimming, Sports and Games, Arts and Crafts, All Camp Performances, Theme Weeks, Special Event Days and Local Adventures.



Field Trips

Water Parks, Great America, Sailing, Kayaking, Sky High, Go Karting, Pump it Up, Amusement Parks, Rock Climbing and other great Chicagoland attractions. Each year we try some new and bring back some old favorites.

Students entering Grades 6–8 will have an opportunity to attend our traditional overnight camping trip to Camp Duncan in July. Campers will experience all the adventures of camping, plus boating, blobbing, rock-climbing, and a high ropes course. This is a definite highlight of the summer.

Specialty Classes

At various times throughout the summer, groups will participate in all that our Supervisors and Specialists have to offer. Some examples include cooking, spa day, gardening, sports conditioning, science experiments, yoga, music, dance and more! Some Specialty classes specifically offered to older groups include an opportunity to participate in outdoor adventures. Some of these options include fishing, paddle boarding, visits to Hyde Park's historic treasure known as the "The Point" located at the lakefront, and campus orienteering adventures.

Swimming

Campers will participate in swim lessons, games and free swim three days a week in our indoor pool.

Sports and Games

Adventure Kids take full advantage of the extraordinary athletic and other facilities at the Laboratory Schools, including a gymnastics room, dance studio, three gyms, arts and crafts center, tennis courts, soccer field, playgrounds, and more. Consistent with the core Adventure Kids values, all activities promote an all-inclusive, cooperative group dynamic.

Theme Weeks

Every week has a theme relating to the overall theme for the Adventure Kids year. Some of our favorite themes from years past include: Under the Sea, Chicago, Jungle Safari, Rock and Roll and many more.

Camp Idol and other Special Events

Camp Idol is our end of the session showcase of talents. Groups work together to develop creative, energetic, and fun dance routines that they get to perform on the last day of camp in front of their fellow campers, staff and an energetic crowd of fans. Parents are always invited to these awesome shows! Other Special Events include Luau, Game Show Days, Barbecues, Flea Markets, etc.

Arts and Crafts

On Mondays, Wednesdays and Fridays, our art director will lead campers through themed projects in our on-site creativity center.

Our Staff

Adventure Kids Day Camp staff is made up of the most energetic and dedicated group of teachers and learning specialists that lead the counseling staff made up of college students, and high school students from the Laboratory School community and beyond. Many of our high school leaders have grown up in the Adventure Kids program themselves. They keep coming back.

Communication

Constant feedback from our staff, campers, and parents is one of our key Adventure Kids values. Prior to the start of each week, families receive the weekly bulletin loaded with information about special events, field trips, dress up days, etc. With the fast paced, action-packed schedule of events, the bulletin, along with the on-line posted calendar, will help keep us connected. Suggestions, comments, and questions are always welcome in the Adventure Kids office year round.



Summer Lab on Stage

Open to students entering Grades 5–8

Full Session: June 20–July 29
Morning: 8:30 a.m.–12:30 p.m.

Summer Lab on Stage enters its fourteenth season as a unique Summer Lab program combining both acting and music into a theatre experience that is both fun and rewarding. Past Music Department Chair Katy Sinclair teams with Lab faculty scion Marc Piane, a former teacher at Lab and now a professional musician and jazz instructor, and Art Teacher Illia Mazurek to develop, stage, orchestrate, and choreograph the annual On Stage extravaganza. These pros draw additional choreography and improvisation resources from the world-class theater scene in Chicago, and students are more confident, more self-aware and better able to interact and collaborate with their fellow students as a result.

Summer Lab on Stage is a big confidence builder and a ton of fun. Life on the boards is like nothing else. Get ready for the driving pace of this energetic production as you'll be singing, dancing, and acting on the first day. Curtains up for the grand finale at the University of Chicago's state of the art Reva and David Logan Center for the Arts. A pair of matinees and an evening show for Summer Lab on Stage mark the culmination of students' summer successes.

Summer Lab on Stage is a six-week, morning (8:30 a.m.–12:30 p.m.) program. Most students will select an afternoon activity to fill out their schedule, and many will also select Summer Lab Sports Camps for the 3:00 p.m.–5:30 p.m. time period.



Summer Lab Theatre Company

Open to students entering Grades 9–11

Passionate performing arts students, welcome! Summer Lab Theatre Company provides whole-actor training along with the inside scoop on the “biz”. Students will take a more advanced approach to the craft of acting. They will work together as a professional theatre company participating in master drama classes, scene studies, musical and vocal training, choreography and movement, and design/tech workshops. The company will collABorate for a magnificent showcase featuring advanced scene studies interspersed with elaborate Broadway musical numbers. As in its first two seasons, this will be one of the most exciting, professional, and unique theatrical opportunities for young artists. All will gain a deeper understanding of the inner-workings of show business while applying these acquired skills and knowledge to their own life experiences.

Company members will learn true self confidence and the importance of working together with cast mates as performing artists. This is taking bold risks and accepting challenges in an artistic, supportive, and rigorous environment.

Full Session: June 20–July 29

Full Day: 8:30 a.m.–3:00 p.m.

Instructor: Kenny Males

Summer Lab Theatre Company PM

Open to students entering Grades 7–8 who are enrolled in Summer Lab on Stage

Seventh and eighth graders in Summer Lab on Stage, here is your afternoon extension into serious whole-actor training, along with the inside scoop on the “biz”.

PM company members will receive mentorship from full day members, and participate in advanced scene studies,

auditions, and intensive rehearsals in our showcase. PM players will be featured in the final showcase.

Full Session: June 20–July 29

Afternoon: 1:00 p.m.–3:00 p.m.

Instructor: Kenny Males

Enrollment is selective. Candidates must email their answer to one of these questions (150 words or less) to summerlabtheatrecompany@gmail.com.

- 1. Why are the performing arts important to you?*
- 2. What moment or person inspired you to be an actor or singer, or both?*



Summer School

Summer School at Lab is guided by the mission of the University of Chicago Laboratory Schools, and enrollment is open to all students. The continuing challenge to which our distinguished faculty members rise each and every summer is to keep their material fresh, relevant, and truly engaging for their students. True to the principles espoused over a century ago by Professor John Dewey, learning at Summer Lab is play, and play at Summer Lab is learning. Join us!

Summer School classes meet Mornings, Afternoons, and Full Day. Some run for six weeks, others for three weeks only, and still others for three weeks or six weeks, the choice is yours. Please check meeting times and dates in each listing that follows, and feel free to contact the Summer School office with questions or concerns about structuring your student's day. Middle School students, rising grades 5–8, be sure to check out the i2Camps featured in your section of the book. These full-day classes are scheduled for a week at a time.



Nursery & Kindergarten



Kindergarten classes include computer lab, library, recess, art, music and field trips. Full day, six-week Kindergarten will have swim instruction as well. Nursery classes will include music, too.

Nursery School Full Day or Morning

Open to students age 3 to 5 years (age 3 by September 1)

Come and join us in Earl Shapiro Hall, our early childhood learning center, for a fun-filled summer program of indoor and outdoor play and learning. Activities will include cooking, fantasy and dramatic play, arts and crafts, stories, drama, and music. Depending on the interests of the group, a special focus for the summer may be animal study, cooking, science explorations, or a combination of these. Daily water play, cooling opportunities in the sprinkler and wading pool will be available. Field trips to the neighborhood will be taken on mild days to campus locations, Jackson Park and nearby playgrounds.

Full Session: June 20–July 29

Session I: June 20–July 8

Session II: July 11–July 29

Full Day: 8:30 a.m.–3:00 p.m.

Full Day Instructors: Ann Marie Baumann, Nisha Ruparel–Sen, and David Williamson

Morning: 8:30 a.m.–1:00 p.m.

Morning Instructors: Ann Marie Baumann, Jennifer Humes, and Tomoko Hata

Kindergarten Full Day or Morning

Open to students entering Kindergarten (age 5 by September 1)

Six weeks full of fresh air, friendships, and fun at Earl Shapiro Hall! Children will work, play, and cook; listen to story time in the school library; work in the computer lab; play in the pool and have swimming instruction; and “eat through the alphabet.” Also, we will take class field trips to interesting places. Our goal is to provide an environment, indoors and out, in which children can explore, learn and, most importantly, play. Swimming will be offered to students registered for six-week, Full Day Kindergarten.

Full Session: June 20–July 29

Session I: June 20–July 8

Session II: July 11–July 29

Full Day: 8:30 a.m.–3:00 p.m.

Full Day Instructors: Felicia Carr and Mary Jones

Morning: 8:30 a.m.–1:00 p.m.

Morning Instructor: Eileen Wagner

Story Time

Open to students age 4 to 5 years (age 4 by September 1)

In Story Time, children will explore the wondrous world of stories. They will be

surrounded by stories through books and storytelling, using puppets, small props, and actors. The stories that we will discover will ignite the children’s curiosity and imagination. During once-a-week library time, the children will listen to stories hand-selected by the librarian and they will also have an opportunity to independently explore books. Each child will keep a journal as his or her story dictation book. Stories will be kept in the book with room for the children to illustrate. The children will act out stories for one another and we will record the plays for sharing with parents and revisiting by the class. Puppets, clay figures, and shadow boxes will encourage further exploration. After lunch, we will enjoy the math in stories and explore, develop and improve our number sense. Manipulatives will help us play with the math found in stories, and we will create some of our own. Each three-week session will conclude with a field trip to see a play, performed on a formal stage in a theatre, bringing a story to life.

Full Session: June 20–July 29

Session I: June 20–July 8

Session II: July 11–July 29

Full Day: 8:30 a.m.–3:00 p.m.

Instructor: Jane Maciak

Primary School



Primary School classes include computer lab, library, recess, art and field trips. Full day, six-week classes will have swim instruction as well.

First Grade Fun With the Three Rs (Reading, WRiting and ARithmetic)

Open to students entering Grade 1

Join us for a summer of excitement as we gear up for first grade! This class will offer reading and writing workshops as well as an introduction to number sense and the math basics. Class activities to develop and strengthen students' reading, writing, and math skills will include whole group, small group and one-on-one instruction, and learning through technology, art and interactive games. The students will have the addition of art, continue with library visits and a special weekly event.

Students will be assessed at the start of Summer Lab to guide the teacher on how best to meet the needs of your child. Their strengths and basic skills will help the teacher in providing a more individualized instructional program. A post-diagnostic assessment will be administered at the end of the class to identify the progress your child has made. All assessments will be shared with parents.

Full Session: June 20–July 29

Full Day: 8:30 a.m.–3:00 p.m.

Instructors: Nefatiti Rochester and Janice Cincotta

Chess

Open to students entering Grades 1–2

Chess campers will learn the royal game. This camp is great for both beginners and experienced players. Each class will consist of a fun interactive teaching period and guided practice time. Campers will learn opening, endgame, and positional tactics and strategies. They will also be tested for chess belts under our patented system, earning new belts as they improve during the camp. Both new and returning participants are welcome and will get to the next level under the guidance of an experienced Chess Scholars Coach. There will also be a chess competition with prizes. Each camper will take home a chess set and an award.

Full Session: June 20–July 29

Session I: June 20–July 8

Session II: July 11–July 29

Afternoon: 1:00 p.m.–3:00 p.m.

Instructor: Chess Scholars

INK

Open to students entering Grades 1–2

This class is for students who enjoy reading and writing challenges and are looking to make progress with these skills while having big summer fun with like-minded classmates. We will journey through different genres, imitate techniques of some of our favorite writers and begin to discover and reveal our own voice. Activities such as Writers' Workshop, Literature Circles, Readers' Theatre, conflict and resolution games, character portrayals, and more will nourish and foster these young readers and writers.

Full Session: June 20–July 29

Session I: June 20–July 8

Session II: July 11–July 29

Morning: 8:30 a.m.–1:00 p.m.

Instructor: Emily Kennedy

Summer Math

Open to students entering Grades 1–2

Students will participate in activities that reinforce or challenge skills as needed. Topics covered will relate to

their grade level studies and include basic operations, problem solving, fractions, money, algebra, logic, and probability. Subject matter will vary each session. Most activities will be hands-on with partners. Each week will end with a game or activity that children can continue playing at home. We invite your child to join us to experience the fun and challenges found in mathematics.

Full Session: June 20–July 29

Session I: June 20–July 8

Session II: July 11–July 29

Afternoon: 1:00 p.m.–3:00 p.m.

Instructors: Emily Kennedy and Octavio Parral

Cooking Up Cultures

Open to students entering Grades 1–2

Join us each morning where we'll slice and dice, blend and bake, and munch our way around the world as we explore some of the culinary traditions of cultures past and present. As we make our way around the globe, we'll be tempting our taste buds with recipes from Asia, Africa, Europe and the ancient Americas. But that's not all—our adventures continue as we dabble in some of the arts, music, traditions and games of these far away places. We will take trips to places that deepen our cultural experiences. So pack your apron and imagination, and climb aboard for a trip around the world in our own backyard.

Full Session: June 20–July 29

Session I: June 20–July 8

Session II: July 11–July 29

Morning: 8:30 a.m.–1:00 p.m.

Materials Fee: \$30 per session

Instructor: Karen DeMaio

Exploring Scientific Activities

Open to students entering Grades 1–2

This full-day program is designed to encourage students to gather and organize information about the world around them. Activities will help students learn how science describes the world we live in, how to study the world the way scientists do, and, above all, how to make science fun! Our experiments will be grouped into five sections: chemistry (substances), physics (matter to energy), biology (living things), earth science (geography, meteorology), and astronomy (study of stars and planets). Each section will include several topics and experiments.

Full Session: June 20–July 29

Full Day: 8:30 a.m.–3:00 p.m.

Instructor: Marina Mardrus

Readers and Writers I–II

Open to students entering Grades 1–2

Readers and Writers Workshops provide integrated reading and writing activities that are appropriate for each child's level. Children are given a pre and post assessment which provides information to differentiate instruction to meet the specific needs of individuals. The children take time to write journals and respond to text, working with sounds to form words. Phonological awareness activities stress learning sounds, blending and segmenting sounds, and high frequency words. Children listen to stories and respond to them within the group. Discussions provide the vocabulary exposure that comes from vibrant children's picture books or an engaging chapter book. The classes allow for independent writing, from emergent to transitional. Daily reading activities

help children develop successful reading strategies, strengthen word recognition, and improve reading fluency. Both classes provide some extra help in reading and writing at each child's instructional level.

Full Session: June 20–July 29

Full Day: 8:30 a.m.–3:00 p.m.

Instructor: Connie Barrett

Let's Tell and Make Up Stories

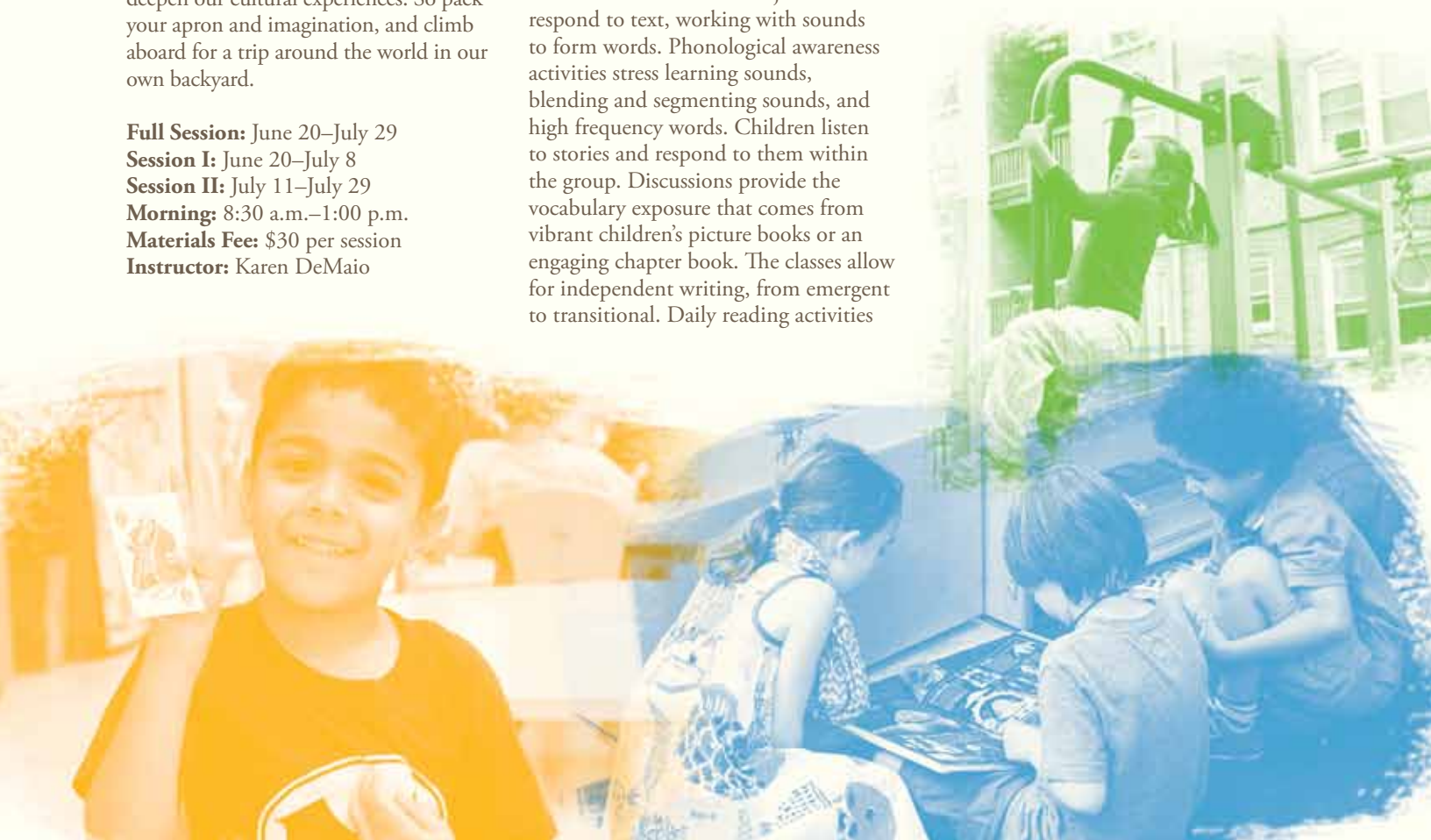
Open to students entering Grades 1–2

Three weeks of tall tales, folk tales and fairy tales for rising first and second graders. We'll share stories, old and new. Through story games, creative drama, singing games and visual art we'll create new stories orally, catching the children's words. We'll share them: we'll write them down, print them up, illustrate them, mix them around, and act them out. Each day will be a variety of different activities focused on the art of the story. The exercises are drawn from my own research and practice, and the works of Gianni Rodari, Jack Zipes and others, providing us lots of fun with narrative in oral, written, visual and digital forms.

Session I: June 20–July 8

Afternoon: 1:00 p.m.–3:00 p.m.

Instructor: Patrick Ryan



Primary & Lower School



Lower School classes include computer lab, library, recess, art and field trips. Full day, six-week classes will have swim instruction as well.

Intensive Reading and Spelling *Open to students entering Grade 2–3*

This class, taught by a reading and learning specialist along with classroom teachers, is tailored to the child who needs more support learning how to read and spell. All work is done in small groups specific to the child's reading and writing needs. The four pillars key to reading development are covered including building automatic word recognition, decoding, fluency and reading comprehension. A direct, multisensory approach where each skill builds upon the next with a focus on visual, auditory and tactile pathways to learn will be used. In addition, reading books specific to the child's level will occur on a daily basis. Writing skills will be strengthened by learning how to think of an idea, organize thoughts, and write paragraphs. The class curriculum will be facilitated by a specialist in Orton Gillingham, the Wilson program and Step up to Writing. Progress is continually monitored throughout

the program to set individual goals for students along with pre- and post-testing to guide instruction and measure progress.

Full Session: June 20–July 29
Morning: 8:30 a.m.–1:00 p.m.
Instructor: Foley Burckhardt

Nature Detectives *Open to students entering Grades 3–4*

Use your powers of observation and experimentation to solve some of nature's mysteries! We'll investigate insects, plants, and animals in a quest to discover how nature works. How do leaves know when it is time to fall off the tree? How can a salmon travel hundreds of miles back to where it was born to lay its eggs? Why do some birds fly south for the winter, but others stay in your backyard? These are only some of nature's mysteries we'll explore.

We'll sharpen our scientific skills and also use reading, writing, math and art

as we learn about the natural world. Magnifying glasses, microscopes, collecting jars, and thermometers—we'll use these tools and others. This class will spend a lot of time outdoors, observing nature up close, both nearby on our playgrounds and on field trips to parks, nature preserves, and museums. Grab your magnifying glass and join us! Which of nature's mysteries would you like to solve?

Session II: July 11–July 29
Full Day: 8:30 a.m.–3:00 p.m.
Instructor: Gwennan Ickes

Summer Math *Open to students entering Grades 3–4*

Students will participate in activities that reinforce or challenge skills as needed. Topics covered will relate to their grade level studies and include basic operations, problem solving, fractions, money, algebra, logic, and probability. Subject matter will vary each session. Most activities will be with partners. Each

week will end with a game or activity that children can continue playing at home. We invite your child to join us to experience the fun and challenges found in mathematics. A placement test will be administered to assist in homogeneous ability grouping.

Full Session: June 20–July 29

Session I: June 20–July 8

Session II: July 11–July 29

Morning: 8:30 a.m.–1:00 p.m.

Instructor: Julia Kornienko

Explorigami

Open to students entering Grades 3–4

Explore the history and designs of the beautiful paper craft called origami while enriching your mathematical thinking skills. We will learn about the types of paper and the folding techniques used to create a variety of designs from simple to complex. You will engage your brain in geometry, fractions, and problem solving as you create art out of paper. In addition, we will take a look at examples of origami used in the world around us. Work will be done in a collaborative environment with opportunities to work on designs independently.

Full Session: June 20–July 29

Session I: June 20–July 8

Session II: July 11–July 29

Afternoon: 1:00 p.m.–3:00 p.m.

Instructor: Heidi Holladay

Goggles On!

Open to students entering Grades 3–4

Have you ever built a rocket? Or made liquids change color? What needs to be done to conduct an experiment? How do we prepare, run and re-adjust an experiment? This course is designed to introduce research and experiment methods in physics, chemistry and biology. Students will have the opportunity to explore guided experiments and showcase their knowledge creating their own.

Session I: June 20–July 8

Morning: 8:30 a.m.–1:00 p.m.

Instructor: Mickey Sanders

Survivor Math

Open to students entering Grades 3–4

Applying math skills is the key to survival in this creative problem-solving course. Students role-play a variety of exciting scenarios. Geometry, algebraic thinking, probability and measurement are just a few of the mathematic concepts used to save the day.

Session I: June 20–July 8

Afternoon: 1:00 p.m.–3:00 p.m.

Instructor: Kiran Younus

INK

Open to students entering Grades 3–4

This class is for students who enjoy reading and writing challenges and are looking to make progress with these skills while having big summer fun with like-minded classmates. We will journey through different genres, imitate techniques of some of our favorite writers and begin to discover and reveal our own voice. Activities such as Writers' Workshop, Literature Circles, Readers' Theatre, conflict and resolution games, character portrayals, and more will nourish and foster these young readers and writers.

Full Session: June 20–July 29

Session I: June 20–July 8

Session II: July 11–July 29

Afternoon: 1:00 p.m.–3:00 p.m.

Instructor: Gail Faithful

Write-out-loud: Writing and Speaking

Open to students entering Grades 3–4

What's the difference between writing a speech and writing an essay? What are some techniques to overcome your fear of speaking in front of an audience? How can use of body language impact your speech? Explore techniques for constructing strong written pieces and delivering excellent speeches. Study some of the great orators of our time.

Session I: June 20–July 8

Morning: 8:30 a.m.–1:00 p.m.

Instructor: Kiran Younus



Sweet and Savory Baking

Open to students entering Grades 3–4

Mix, roll, shape, and decorate! We will bake a variety of breads, desserts, pastries, cookies, cakes, and confections—all from scratch. Our main goal is to create delicious treats to share with family and friends, but we will also learn to stay organized and “work clean.” Additionally, we will learn about the tools and ingredients used in baking and how to follow a recipe to achieve the best results. Not all baked items are sweet, so a few of our recipes will include savory ingredients. Learning kitchen etiquette and safety will help us work together in our culinary space. Let’s get baking!

Full Session: June 20–July 29

Session I: June 20–July 8

Session II: July 11–July 29

Morning: 8:30 a.m.–1:00 p.m.

Materials Fee: \$40 per session

Instructor: Heidi Holladay

Fiber Fanatics–Knitastic

Open to students entering Grades 3–5

Join us to explore the wonderful art of knitting, including finger, loom and needle knitting. During this three-week session we begin by learning basic finger knitting and pom-pom making skills. Week two students apply their finger knitting skills to a “circular hat loom”. Students will make a warm winter hat! Week three is devoted to learning the art of knitting with bamboo needles. Students will knit a scarf to match their hat! This program is appropriate for all levels, including beginners to advanced knitters.

Session I: June 20–July 8

Afternoon: 1:00 p.m.–3:00 p.m.

Materials Fee: \$65

Instructor: Sister-Arts Studio

Readers and Writers Workshop III–IV

Open to students entering Grades 3–4

A day filled with reading books you enjoy, laughing about whimsical poetry and riddles, listening to stories of a favorite author, conversing about stories, and sharing your written work with friends is a day spent in Readers and Writers Workshop III–IV. Children will

have an opportunity to independently read books that pique their interest and collect their thoughts in a Reader Response Notebook. Daily mini-lessons will include explicit instruction in word solving and comprehension strategies, as well as genre studies.

Children will practice finding their own writing “voice,” while internalizing the process of writing, drafting, revising for meaning, editing and publishing. Their working drafts will be collected in a Writer’s Notebook. The final project will be writing and binding a book. Weekly field trips will influence our selections for our reading and writing projects. Assessments will be given to determine the child’s instructional reading level and stage of developmental spelling. The primary goal is to help students strengthen their reading and writing strategies by finding books of interest at their reading level and finding their writing “voice.” Days spent in Readers and Writers Workshop help children develop the habit of reading and writing.

Full Session: June 20–July 29

Full Day: 8:30 a.m.–3:00 p.m.

Instructor: Matt Zakosek

Book Arts

Open to students entering Grades 3–4

This creative arts class with a literary component will be grounded in the production of a diverse sampling of book structures, from simple folded book forms through classic sewn pamphlets and Japanese bindings, to pop-up, flip-books, tunnel books, and board books. We will produce and use our own class journals as well as developing finished art and writing. Collage, paper-cutting and lamination, monoprints, and suminagashi and paper marbling will also be incorporated to create distinctive covers and bindings. Along the way, contemporary artists books and the history of book forms will be introduced for inspiration.

Full Session: June 20–July 29

Session I: June 20–July 8

Session II: July 11–July 29

Morning: 8:30 a.m.–1:00 p.m.

Instructor: Jane Whedbee

Chess

Open to students entering Grades 3–5

This camp is great for both beginners and experienced players. Each class will consist of a fun interactive teaching period and guided practice time. Campers will learn opening, endgame, and positional tactics and strategies. They will also be tested for chess belts under our patented system, earning new belts as they improve during the camp. Both new and returning participants are welcome and will get to the next level under the guidance of an experienced Chess Scholars Coach. There will also be a chess competition with prizes. Each camper will take home a chess set and an award.

Full Session: June 20–July 29

Session I: June 20–July 8

Session II: July 11–July 29

Afternoon: 1:00 p.m.–3:00 p.m.

Instructor: Chess Scholars

Lego® Robotics

Open to students entering Grades 3–4

In this class the students will explore the innovative world of LEGO® Mindstorms NXT Robotics. They will build functional robots and experiment with light, sound, ultrasonic and rotation sensors. Using Mindstorms NXT-G, an icon based “drag and drop” programming application, they will program the robots to do specific tasks. They will use their Mindstorms kits and laptop computers in problem solving missions that will encourage them to think like scientists and engineers as they brainstorm, design and build. This hands-on class will tickle the children’s curiosity and creativity, sharpen their analytical thinking skills, foster team building and provide loads of fun.

Material is updated year to year, so students are welcome to return!

Full Session: June 20–July 29

Session I: June 20–July 8

Session II: July 11–July 29

Morning: 8:30 a.m.–1:00 p.m.

Instructors: Marie-Ange Stalla and Gregory Domingue

Creative Storyboarding

Open to students entering Grades 3–5

Does your child love movies? Photography? Graphic novels? Storytelling? Art? This class will incorporate storytelling, artistic practice, and performance into one exciting creative endeavor. We will begin by laying out our ideas and the stories we want to tell. We will use traditional filmic storyboarding techniques including drawing, organizational, and writing skills.

We will explore what it means to organize our thoughts around a story in a visual way and communicate ideas. We will work individually and collaborate on projects and research, helping one another through open, friendly, and inclusive presentations.

The resulting work will range from a series of artworks, photography, performance or short videos.

Full Session: June 20–July 29

Session I: June 20–July 8

Session II: July 11–July 29

Morning: 8:30 a.m.–1:00 p.m.

Instructor: Iris Bernblum

Summer Sculpting

Open to students entering Grades 3–5

This sculpture class will explore traditional and non-traditional materials. These materials will range from plaster, wood, cardboard, recycled materials, clay and more. We will shape, twist, bend, and sculpt these materials into forms found in nature and transform them into our own. Various traditional and contemporary Sculptors will be discussed to help guide us through our production. Come create while you make.

Session II: July 11–July 29

Morning: 8:30 a.m.–1:00 p.m.

Instructor: Jaclyn Medinov



Lower & Middle School



Theater Stars

Open to students entering Grades 3–8

Your red carpet to a great summer of acting, fun, and friends! Develop skills in the performing arts, build creativity, teamwork, and self-esteem. Our mornings will be focused on forming a true ensemble, educating ourselves in all aspects of theater: active listening, creativity, improvisation, risk-taking, and all that goes into putting a play together (rehearsals, costumes, props, stage design, music). Each session will culminate in two performances of an original show, starring YOU and your fellow cast members. Sign up for Theater Stars and be a shining star!

Full Session: June 20–July 29

Session I: June 20–July 8

Session II: July 11–July 29

Morning: 8:30 a.m.–1:00 p.m.

Instructor: Cecilia Collar

Adventures in String Playing

Open to students entering Grades 3–8

Learn and perform with your fellow musicians who share the same creative

spark in music. Adventures in String Playing offers students a variety of artistic experiences for strings players. Students will participate in small chamber groups, mini lessons, large ensemble, and a final celebration the last day of camp.

In this program you will experience:

Chamber Groups: Students will divide into small chamber groups to work on ensemble skills such as listening, blending, and communication. Students will be coached by one of our Lab String Faculty Members. Students will be placed in groups by similar experience levels.

Mini Lessons: Students will receive one mini lesson per week to further advance their string technique.

Large Ensemble: Students will perform in a larger setting during this class to experience a bigger sound and build orchestral skills. Repertoire will include Pop, Jazz, Fiddle and Movie Music. This is a great opportunity for students to connect with one another while learning eclectic styles and improving their musicianship skills.

‘Ukulele Strummin’: Aloha! In class we will also learn to play the Ukulele. No experience is necessary. We will learn how to strum, read tablature and sing our way through traditional and alternative songs in our gig book. No instrument required, we will provide a ukulele to play in class.

Open to students who have completed one year of Orchestra or Suzuki Book One. This ensemble requires basic note reading skills and approval of instructors. Instrumentation: Violin, Viola, Cello and Bass—students must have a working instrument.

Session I: June 20–July 8

Afternoon: 1:00 p.m.–3:00 p.m.

Instructors: Michelle Morales, Roz Torto, Christine Albarran

Comics Writing Workshop

Open to students entering Grades 4–5

The Avengers, Batman, The Hulk, Wonder Woman, X-Men, Spiderman and Superman. What do all these characters have in common? Great writers created them all. Comics Writing

Workshop is an introduction to writing narrative scripts, developing a plot and theme for a comic, and how to format your scripts for aspiring writers. Students will learn all the necessary tools and tricks for not only telling great stories, but for doing so in the comics medium—the language of comics. Students will learn how to conceive, outline, write—and rewrite—a complete 5-page comic book script, just the way the pros do it! Students will also learn about the history of comics through lectures and reading, discuss how a good script translates into visual medium, and have a chance to hear how their work is received through feedback from their classmates. If you've ever dreamt of writing your own comic, or want to improve your existing skills, this is the course for you.

Session II: July 11–July 29

Morning: 8:30 a.m.–1:00 p.m.

Instructor: Joseph Kerney

Readers and Writers Workshop V

Open to students entering Grade 5

This program's objective is to strengthen students' reading comprehension and the quality of their writing. By providing time for students to read and write, reading and writing will become integrated with other subject areas, focusing on meaning and the process of constructing meaning. Students' understanding of what it means to be a successful reader and writer will grow. Discussion will focus on literature and each other's writing. A wide variety of reading materials and writing assignments will come into play. Explicit instruction in the context of reading and writing will focus on developing independent, proficient readers and writers.

Comprehension and writing assessments will provide teacher, students and parents with information to nurture each reader and writer's emerging development.

Full Session: June 20–July 29

Morning: 8:30 a.m.–1:00 p.m.

Instructor: Kaye Phillips

Goggles On!

Open to students entering Grades 5–8

Have you ever built a rocket? Or made liquids change color? What needs to be done to conduct an experiment? How do we prepare, run and re-adjust an experiment? This course is designed to introduce research and experiment methods in physics, chemistry and biology. Students will have the opportunity to explore guided experiments and showcase their knowledge by creating their own.

Session I: June 20–July 8

Afternoon: 1:00 p.m.–3:00 p.m.

Instructor: Micyelia Sanders

Beginning and Intermediate Web Design

Open to students entering Grades 5–8

Web Design is the intersection of creative art and modern technology. In this class, we explore the importance of aesthetic and accessible design choices and learn the technical skills needed to carry out those choices. The class time is distributed between web design lessons and guided creative projects where students use their new skills to make progressively more complex web sites. Students will learn to build functional web pages, style them appropriately and attractively, along with critical thinking to make their web sites accessible, usable, and fun. Appropriate and safe internet behavior is emphasized throughout. Students will gain or develop their functional knowledge of basic HTML and CSS. Enrollment in previous Web Design course is not required.

Full Session: June 20–July 29

Session I: June 20–July 8

Session II: July 11–July 29

Afternoon: 1:00 p.m.–3:00 p.m.

Instructor: Ian Huisken

Team Robotics

Open to students entering Grades 5–8

This program is designed with a competitive and fun atmosphere much like a robotics tournament. Our focus will be on team building, problem solving, and creative and analytical thinking. The students will be organized into teams and will be presented with a multifaceted challenge. The teams will

design, build and program robots to perform specific tasks and fulfill various missions. We will be using the LEGO® Mindstorms NXT Robotics system.

Material is updated year to year, so students are welcome to return!

Full Session: June 20–July 29

Session I: June 20–July 8

Session II: July 11–July 29

Afternoon: 1:00 p.m.–3:00 p.m.

Instructors: Marie-Ange Stalla and Gregory Domingue

Getting the Basics: Pre-Algebra, Algebra, and Geometry

Open to students entering Grades 5–8

The first level of these classes covers the necessary skills to be successful in taking a math class which requires competency in whole numbers, fractions, decimals, order of operations, ratio and proportion, percent topics, measurement, elementary geometry topics, introductory graphical representation, introductory signed number manipulation and introductory basic equation solving.

Students who secure these skills move forward to examine concepts in signed numbers, factoring, equation solving, inequality solving, graphs, functions, relations, polynomials, parallelism, perpendicularity, congruence, and polygons. Learn or fine-tune your sketchpad skills as you solve problems.

Additionally, test-taking skills, reading the mathematics textbook and taking notes in mathematics will be emphasized. Special emphasis will be on processing and solving word problems.

Note: While the class will help students prepare for fifth, sixth, seventh or eighth grade math classes, it does not provide credit for advancement in math placement. Rather, it is designed to build skills, and develop better understanding and a love of learning math. A placement test will be administered to assist in homogeneous ability grouping.

Full Session: June 20–July 29

Afternoon: 1:00 p.m.–3:00 p.m.

Instructors: Erica Cheung, Julia Kornienko, and Kaye Phillips

Stock Market

Open to students entering Grades 5–8

In this workshop-style course, you will learn the basic principles of stock market operations. This workshop is designed to provide a solid foundation for individuals who know little about stocks, bonds, mutual funds, IRAs, 401Ks, and other investment tools for the future. Students will have the opportunity to compete in a Stock Market competition through NationalSMS.com. They will learn how to research companies in order to make informed trades. The class will encourage students to build and maintain electronic portfolios and track market conditions with real-time quotes online. It will also show students how to budget money in a simulated checkbook with a modest salary. By the end of the class, students will understand market conditions, know what it means to invest for the future, and produce a financial report for prospective customers. Students will also watch the 2002 documentary "Commanding Heights," the film based on the 1998 book written about economic philosophies by economist Daniel Yergin and financier Joseph Stanislaw. Students will also learn about the economic crisis of 2007 and why the market and the economy crashed.

Session I: June 20–July 8

Morning: 8:30 a.m.–1:00 p.m.

Instructor: Andrew Shilhanek

Electronics

Open to students entering Grades 5–8

Learn about electronic components and the principles of electronics as you build many interesting and entertaining circuits including an automatic nightlight, flashing railroad lights, a police siren, a lie detector and many others.

You will learn basic construction techniques including direct wiring, breadboarding, and soldering components to circuit boards. Use your new knowledge as you design and construct an independent project of your choice. Past participants have constructed model houses with lights and ceiling fans, electric quiz games and even a burglar alarm for their bedrooms. If you like electric gizmos, then this is the class for you.

Please choose Session I or Session II. Repeats are not available.

Session I: June 20–July 8

Session II: July 11–July 29

Morning: 8:30 a.m.–1:00 p.m.

Materials Fee: \$100

Instructors: Mark Wagner and Michael Wong (Session II only)

Mythology and Archetypes

Open to students entering Grades 5–8

Before science, myths explained everything from the Creation of the Universe to the After Life. For thousands of years, myths originated in all corners of the world, yet they all share common themes, elements, and symbols. Certain characters (or archetypes) appear within and throughout these stories.

Students will direct their own research into the basic types of myths and expand upon their knowledge of World Mythology. They will explore how mythological elements and archetypes are used throughout literature, film, and popular culture to communicate human experiences.

Over the course of three to six weeks, students will research the myths of a chosen culture and examine a variety of modern media for elements of myth in order to enrich their reading, writing, and critical reasoning skills.

Full Session: June 20–July 29

Session I: June 20–July 8

Session II: July 11–July 29

Morning: 8:30 a.m.–1:00 p.m.

Instructor: Stacy Tolbert



Journalism

Open to students entering Grades 5–8

Join the wonderful world of journalism and learn its fundamental elements. Learn how to prepare for a story by writing questions, taking and organizing notes, writing a lead, and editing. You will have the opportunity to write about the teachers, students, activities, and the Summer Lab curriculum. Brainstorm story topics on important elements of Summer Lab 2016. Learn how to take, upload, edit, and crop digital pictures with Adobe® Photoshop®. You will also learn newspaper writing skills and layout stories with Adobe® InDesign®. Your final products will be polished newspaper stories that might even be included in a class-produced newspaper. You should bring a camera and recorder of some kind.

Session I: June 20–July 8

Afternoon: 1:00 p.m.–3:00 p.m.

Instructor: Andrew Shilhanek

Creative Writing Workshop

Open to students entering Grades 5–8

In this highly interactive writing workshop students will employ prewriting strategies to kick-start their writing processes and learn techniques for revising their work. Through a series of fun, daily exercises students will practice capturing their ideas on the page and receive friendly feedback from their audience of peers.

Journal writing along with reading and listening skills will play essential roles in this class as students develop good writing habits and explore their own sense of voice.

Each day, students will read and discuss published works and collaborate in examining how elements within these works can be used to enhance their own writing. The class will also contain a series of grammatical and vocabulary lessons to provide students with concrete editing tools.

Full Session: June 20–July 29

Session I: June 20–July 8

Session II: July 11–July 29

Afternoon: 1:00 p.m.–3:00 p.m.

Instructor: Stacy Tolbert

Game Time!

Open to students entering Grades 5–8

Do you like playing games? Do you like hanging out with friends? Do you like having fun? If so, then Game Time! is for you. Campers will learn and play a variety of card, dice, and board games while socializing with peers. Each week will focus on a different theme (e.g., classic board games, fantasy games, physical games, etc.). Some of the games that may be played during Game Time! will include: Uno, Spoons, Nerts, Yahtzee, Tenzi, Pictionary, Jenga, Twister, Risk, Dungeons & Dragons, and many more. An emphasis will be placed on trying new experiences, socializing with others, and having fun.

Full Session: June 20–July 29

Session I: June 20–July 8

Session II: July 11–July 29

Afternoon: 1:00 p.m.–3:00 p.m.

Instructor: Matt Maciak

CSI: U of C Lab

Open to students entering Grades 5–8

This hands-on course will allow students to experience the science behind crime-scene investigations. From Locard's exchange principle to DNA testing, fingerprints, and fiber analysis, students will get to perform crime lab and crime scene techniques. Students will learn some basic biology, chemistry, and physics as a foundation to understanding these techniques. The class will discuss how real-life crime scene investigators use these techniques and others to help solve crimes. Mock crime scenes will test your skills as you reconstruct what happened during a particular crime based on the evidence you find and analyze. No prior knowledge is necessary, just curiosity and a love of science.

Participants in CSI from Session I are welcome to return during Session II as experienced technicians who will be given new and more challenging assignments.

Session I: June 20–July 8

Morning: 8:30 a.m.–1:00 p.m.

Session II: July 11–July 29

Afternoon: 1:00 p.m.–3:00 p.m.

Instructors: Tony Del Campo (Session I only) and Michael Wong

Pastry Delights

Open to students entering Grades 5–8

Make your summer camp experience extra delicious with this hands-on pastry camp. Learn how to make sweet creations from scratch. You will learn the fundamentals of pastry and the techniques used in creating basic preparations such as pastry dough, creme anglaise, pastry cream, mousse, and buttercream. Make fruit tartlets, cake, crème brûlée, cupcakes... and much more. Whisk away and be prepared to eat.

Full Session: June 20–July 29

Session I: June 20–July 8

Session II: July 11–July 29

Afternoon: 1:00 p.m.–3:00 p.m.

Materials Fee: \$40 per session

Instructor: Cecilia Collar

Roll Camera and Action!

Open to students entering Grades 5–8

We all know that a great movie starts with a great story. But, what makes a story great? On screen? In this class, we will explore the fundamentals of filmmaking, including screenwriting, directing, shooting and editing.

During the first session, we will focus on documentaries. We will learn how to do 'subject interviews' and film 'B-roll.' We will come to understand how a documentary is 'found' by the filmmaker through editing.

During the second session, we will focus on fiction filmmaking. We will write screenplays. Then, as directors, we will shoot our screenplays. Finally, we will discuss how to put fiction films together with editing.

At the end of each session, each filmmaker will take home a DVD of the film he or she created.

Full Session: June 20–July 29

Session I: June 20–July 8

Session II: July 11–July 29

Morning: 8:30 a.m.–1:00 p.m.

Instructor: Gita Kapila

Hoopin' It Up!

Open to students entering Grades 5–8

In this camp participants will enjoy the excitement of drafting NBA and WNBA players for their own basketball team and will complete a season by competing in daily head-to-head statistical-based board games. Campers will learn and practice skills in data collection, record keeping, and executive functioning all while having fun keeping track of their team's performance by using a computer program to compute, organize, and display statistics. In between board games, campers will have an opportunity to get on the court themselves and display their real life skills while playing in a basketball game. The statistics theme will

continue during the real life game, as campers will keep track of team points, rebounds, and assists. An emphasis will be placed on exercising, displaying good sportsmanship, and having fun.

Session I: June 20–July 8

Morning: 8:30 a.m.–1:00 p.m.

Instructor: Matt Maciak

Knock It out of the Park!

Open to students entering Grades 5–8

In this camp participants will enjoy the excitement of drafting MLB players for their own baseball team and will complete a season by competing in daily head-to-head statistical-based board games. Campers will learn and practice skills in data collection, record

keeping, and executive functioning all while having fun keeping track of their team's performance by using a computer program to compute, organize, and display statistics. Each day, in between board games, campers will have an opportunity to get on the field themselves and display their real life skills while playing in a whiffle ball game. The statistics theme will continue during the real life game, as campers will keep track of team hits, runs, and RBIs. An emphasis will be placed on exercising, displaying good sportsmanship, and having fun.

Session II: July 11–July 29

Morning: 8:30 a.m.–1:00 p.m.

Instructor: Matt Maciak



Summer Lab 2016 is pleased to introduce a collaboration with i2 Learning, a set of one-week camps dedicated to science, technology, engineering and mathematics. All i2 camps run 8:30 a.m. to 3:00 p.m., and cost \$675 each.

Kinetic Sculpture

Students are introduced to key concepts and skills of kinetic sculpture, including balance, gearing, energy sources and design-oriented thinking. They will use the work of Alexander Calder, George Rhodes, Dug North and Arthur Ganson as examples of various forms of moving sculpture. Each day they use the principles they are learning as the basis for their own creations, and at the end of the week they bring together their complete array of new skills to create a large-scale, chain-reaction-type artwork.

*Open to students entering
Grades 5–6, July 25–July 29*

Building an Interactive, Friendly Monster

Electronics and robotics are transforming the future of toy design, and now

is your chance to take part in the revolution! In this course, you will use fabric, conductive thread, lights, speakers and sensors, to create a plush robot that responds to your commands. Combining your new understanding of electronics, engineering, and robotics, you will program an interactive robot that will play music and light up at your command.

*Open to students entering
Grades 5–6, July 5–July 8,
July 11–July 15*

App Inventor

Smartphones and tablets have changed computing and the world. This is your opportunity to build an app that will improve your community. In this course you will design and develop Android apps using MIT App Inventor. After an introduction to App Inventor and app

design, you will work in small groups to brainstorm an app concept, prototype your concept, and build a working app.

*Open to students entering
Grades 5–6, June 27–July 1
Grades 7–8, June 20–June 24*

Digital Game Design

In this course, you will use Scratch to create an original video game with custom graphics, sound effects and music. You will begin by remixing an existing game, gradually gaining design skills and confidence. When you are ready to develop a new game, you will learn how to focus your ideas, integrate player feedback and refine your 2D game before sharing it with the world. No prior computer programming experience is required.

*Open to students entering
Grades 7–8, July 25–July 29*



Bytes and Beats

In this course, you will learn the fundamentals of programming with MATLAB while making your own music with sensors. With the programming language used by scientists and engineers today, you will turn if-statements, for-loops, and functions into rhythms, melodies, and harmonies through an Arduino and sensors. Working with friends you can compose and visualize your own music and invent your own symphonic creations. At the end of the course, take home your own electronics to continue fine-tuning your musical inventions. No prior knowledge of programming or working with electronics is required.

Open to students entering
Grades 5–6, July 18–July 22
Grades 7–8, July 11–July 15

Surgical Techniques

Have you ever wondered what it would be like to be a physician or surgeon? In this course, you will investigate how the body works by participating in a range of hands-on activities, such as dissections and construction of life-sized physiological system maps (skeletal, nervous, circulatory, immune). You will conduct simulated surgeries, perform biopsies, and learn how to suture. You will also learn about important medical/surgical breakthroughs and famous medical marvels throughout history.

Open to students entering
Grades 5–6, July 11–July 15
Grades 7–8, July 5–July 8,
July 18–July 22

Engineering Ice Cream

Everyone across the world needs to eat. As populations grow and we learn more about science and engineering, the way we produce and gather our food can change drastically. Urban agriculture is now in vogue, as community gardens have sprung up all over cities and the advances in hydroponics and aeroponics have taken root. In this course, you will explore the future of food and food production culminating in creating a summertime treat.

Open to students entering
Grades 5–6, June 20–June 24
Grades 7–8, June 27–July 1

Shape and Create!

Open to students entering Grades 5–8

In this unique jewelry making class we will explore a variety of traditional and non-traditional materials to create our own accessories. Items such as recycled papers, cardboard, wood, wire, polymer clay, glass beads, and more will be shaped and strung to make necklaces, bracelets, rings and more. Along with the excitement of producing we will get our inspiration from the history of jewelry and learn about different cultures and how they adorn themselves. Come join me in this jewelry making adventure!

Session II: July 11–July 29

Afternoon: 1:00 p.m.–3:00 p.m.

Instructor: Jaclyn Medinov

Gertrude Stein meets Godzilla, while Picasso and Darwin chase Dragonflies

Open to students entering Grades 5–8

This exciting two-week class brings a new, contemporary approach to the strongest progressive tradition of John Dewey's Laboratory Schools, designed and taught by two veteran Laboratory School teachers.

Moving between and ultimately fusing ecology and environmental science with writing and visual art, students in this class write and stage their very own puppetry production—using outlandishly enormous papier-mâché puppets of their own design and creation. Students will embark on a journey through Hyde Park, discovering the surprising natural richness of the area. The interconnectedness of flora and fauna will be studied as a backdrop for our environmental exploration. Students will spend a part of the day outdoors

observing, gathering data, and collecting a variety of plants and animals. Personal observations, written and sketched, will be enriched by further study when we head back to our classroom/studio. A variety of creative writing and art projects will encourage students to take their knowledge and produce their own script, while simultaneously building the giant moving puppets for their class performance. Activities are designed to move between individual and team projects, pursuing a rare and exciting union of writing, science and art making.

Two Weeks Only: July 11–July 22

Full Day: 8:30 a.m.–3:00 p.m.

Tuition: \$975

Instructors: Philip Matsikas and Lisa Sukenic



Middle & High School



Write On! A Survey of Writing Mechanics and Writing Concepts for Better Communication

Open to students entering Grades 6–9

Effectively writing different types of essays has become critical to academic and career success. Students will write three major types of essays each session: narrative, expository, and persuasive. Mini-lessons on writing grammar and mechanics will take place during the writing process of each essay. Students will choose which essay to present in a PowerPoint presentation.

Students will benefit from formative assessments of timed essays, grammar and mechanics' quizzes, writing rubrics for each essay and peer editing. Correct writing mechanics and writing concepts are necessary for effective communication. Write On is an opportunity to build on and improve your writing skills.

Full Session: June 20–July 29
Session I: June 20–July 8
Session II: July 11–July 29
Morning: 8:30 a.m.–1:00 p.m.
Instructor: Frances Moore-Bond

Chess

Open to students entering Grades 6–8

Chess campers will learn the royal game from our professional chess instructors. Campers will participate in various chess activities, including tournaments, blitz chess, lectures, bughouse chess, and safe online play. The instructors will cover opening strategies, endgames, tactics, and strategies. Lessons are interactive and fun. The program is appropriate for all levels, including absolute beginners and accomplished scholastic tournament players.

Full Session: June 20–July 29
Session I: June 20–July 8
Session II: July 11–July 29
Afternoon: 1:00 p.m.–3:00 p.m.
Instructor: Chess Scholars

English as a Second Language

Open to students entering Grades 6–9

Learn or improve your English with a fully qualified ESL instructor with over twenty years of experience. A variety of methods will be used, including Total Physical Response (gestures, pointing, labeling), role-play with scripts, games and songs. Adventures beyond the

classroom will take students into the community to local areas of interest where they can listen and practice the English language.

Full Session: June 20–July 29
Session I: June 20–July 8
Session II: July 11–July 29
Afternoon: 1:00 p.m.–3:00 p.m.
Instructor: Will Walter

Writing a Mystery

Open to students entering Grades 6–9

A well-written mystery includes fascinating characters, exciting suspense, and a puzzle that keeps the reader turning pages. The major question to answer in designing a mystery is, “Who committed the crime?” We will read, watch, discuss and analyze some of the classic and more modern mysteries to aid students in writing their own compelling mystery story.

Full Session: June 20–July 29
Session I: June 20–July 8
Session II: July 11–July 29
Afternoon: 1:00 p.m.–3:00 p.m.
Instructor: Frances Moore-Bond

Investigating Chicago—Writers' Workshop

Open to students entering Grades 6–8

Experience Chicago firsthand as we explore the city's downtown and its vibrant neighborhoods. Learn how Chicago grew and changed to become the diverse and cosmopolitan city we know today. Hear from Chicago's boosters and critics, its artists, architects, photographers, musicians, filmmakers, playwrights, journalists and poets. Come with us as we take in the sights and sounds of Chinatown, Pilsen and other city neighborhoods. Visit important cultural institutions such as the Chicago Historical Society, the Du Sable Museum and the National Museum of Mexican Art. Record your impressions of the city in field journal entries, and write a personal reflection on your own Chicago experiences. Try on the role of journalist as you write a feature article on a newsworthy event from Chicago's history. Create a biographical profile of an important Chicagoan, past or present. Write poems and short stories set in Chicago. Best of all, take home your own portfolio of original work and reflect on your growth as a writer.

Full Session: June 20–July 29

Morning: 8:30 a.m.–1:00 p.m.

Instructors: Peggy Doyle and Ed Ernst

Comics Workshop

Open to students entering Grades 6–8

Do you like to read comics, graphic novels or manga? Have you ever wanted to make a comic book of your own? Comics workshop provides young artists with a unique opportunity to learn how

to write, draw, and self-publish their very own comic books! From the spark of an idea to a book you can hold in your hands, we will cover every step of the comic making process. This fun, fast-paced class will teach students how to use old tools, like dip pens and inkwells, and new tools, like laptops and photoshop, to tell each student's unique story. The class ends with a "mini comic convention" where we invite friends, family, and the rest of Summer Lab to take home copies of the work we've made! No special drawing ability is necessary but enthusiasm and imagination are a must.

Full Session: June 20–July 29

Session I: June 20–July 8

Session II: July 11–July 29

Morning: 8:30 a.m.–1:00 p.m.

Instructor: Sam Sharpe

Shakespeare: On the Page and the Stage!

Open to students entering Grades 7–8

Ever wanted to learn how to spout verse and prose like a pro? Ever wanted to learn to decode Shakespeare's text? Just plain curious about the Bard? This is the class for you! Join professional teaching artist Jenna Grossman and learn the nuts and bolts behind understanding, celebrating and performing Shakespeare's text.

This class will cover the basics behind finding and understanding the cues and clues within Shakespeare's text used by actors, and learning how to utilize those clues to their full potential. Clues such as embedded stage directions, scansion, power words, status, etc. We

will cover Shakespeare from a literary, historic and theatrical perspective using drama pedagogy and exercises used by professionals. We will learn theatre basics such as ensemble work and improv, text work, and history.

Please choose Session I or Session II. Repeats are not available.

Session I: June 20–July 8

Session II: July 11–July 29

Afternoon: 1:00 p.m.–3:00 p.m.

Instructor: Jenna Grossman

Cycling Chicago

Open to students entering Grades 6–12

Join our "Tour de Chicago" as we explore the city by bicycle! On our pedaling field trips each week we'll be traveling along Chicago's extensive network of bike paths to exciting destinations. Between our field trips students will participate in mechanic workshops where they will learn to adjust and maintain a cycle, discuss bike safety, solve different bicycle problems, and try out various types of bikes, such as mountain bikes, racing bikes, and tandems.

Students should bring a working bicycle, helmet, and bike lock to class and wear comfortable clothes (cycling shorts are not necessary). Arrangements can be made to leave bikes overnight at school if desired.

Full Session: June 20–July 29

Session I: June 20–July 8

Session II: July 11–July 29

Morning: 8:30 a.m.–1:00 p.m.

Instructor: Timothy Nickodemus



Building “Our Town”: Applied Theatre Practice & Thornton Wilder

Open to students entering Grades 7–8

Explore and investigate our own Chicago community through the lens of Thornton Wilder’s *Our Town!* We will be using process drama, improv, collage, discussion and community theatre practices to explore observations and feelings about our contemporary community, and apply it to 1901–1913 Grovers’ Corner Ohio in Thornton Wilder’s *Our Town*. We will explore questions and themes such as: How are our current perceptions of, and experiences as, community different here and now then they were then? How is leadership different? How is our culture different? How is it similar? What does it mean to celebrate the mundane? Class

will culminate in an “Open Studio” sharing of scene work, a gallery set up of the visual work created in the class.

Please choose Session I or Session II. Repeats are not available.

Session I: June 20–July 8

Session II: July 11–July 29

Morning: 8:30 a.m.–1:00 p.m.

Instructor: Jenna Grossman

Chicago and the Challenge of Climate Change

Open to students entering Grades 6–9

Explore Chicago and current high interest issues connected with Climate Change utilizing inquiry-based learning in the Sciences, Literature, and the Arts. Students will meet leaders of local and

national environmental organizations, take weekly field trips, and study the unique geography of Chicago and the Great Lakes water basin. Students will reference data, literature, and our experiences as they develop their thoughts through the culminating project: a silkscreen visual representation and a presentation on Chicago and the Challenge of Climate Change representing their personal position.

Full Session: June 20–July 29

Session I: June 20–July 8

Session II: July 11–July 29

Morning: 8:30 a.m.–1:00 p.m.

Instructors: Kristin Frank and Thomas Frank



High School



High School classes for credit have strict attendance requirements. Failure to attend the requisite number of classes will result in no credit for the class, and refunds are not available. Certain very limited exceptions may apply.

Introduction to Computer Science

Open to students entering Grades 9–12 (Preference given to Lab Students entering ninth grade)

This course aims to help students more deeply understand what computers are and how they work. In the first half of the course students explore some fundamental and profound issues of computation. They will learn why computers must use zeros and ones to encode all information, how information can be encrypted, how modern networks are organized, and about the history of the world wide web. Students bolster their understanding of the modern web by learning how to code and style web pages from scratch. Much of their homework involves designing, coding, and posting web pages to their class web site. With a deeper understanding of the technology, students are asked to reflect on a variety of moral, ethical, and public policy issues that affect them every day.

In the latter half of the course students gain a deeper appreciation for computational solutions to problems by learning how to write computer programs using JavaScript. Students write programs to solve problems in a variety of modern contexts, including writing programs to manipulate digital images.

Much of the work for the course can be completed in class, but students will be expected to do some work at home. They may choose to continue class projects on their own as well.

Please note: Students entering ninth grade who pass the summer course do not need to enroll in the required year-long course taken by all ninth graders at U-High.

Full Session: June 20–July 29
Morning: 8:30 a.m.–12:30 p.m.
Credit: 1/2 Unit of High School credit
Tuition: \$2,765
Instructors: Marty Billingsley and Ian Huisken

Latin II

*Open to students entering Grades 9–12
Pre-requisite: completion of Latin I with a grade of B- or higher*

This is a full credit course that allows students currently in Latin I to advance into Latin III in the Fall. Summer Latin II presents the same curriculum as the year-long course (12 chapters of *Lingua Latina*), but at the challenging pace of two chapters per week. This is an intensive course; students must earn a grade of B or higher in order to place into Latin III. Textbooks: *Lingua Latina, Pars I: Familia Romana; Exercitia Latina I; College Companion and Colloquia Personarum* (Focus Publishing)

Full Session: June 20–July 29
Morning: 8:30 a.m.–12:30 p.m.
Materials Fee: \$100
Credit: 1 Unit of High School credit
Tuition: \$2,765
Instructor: George Hendren

Geometry

Open to students entering Grades 9–12
Pre-requisite: Algebra 1 and placement by the department.

This class is designed for students who have already completed a year of algebra in eighth grade or high school and wish to advance in mathematics. This is a full course in high school geometry and is not an enrichment course, nor is it designed as a preparatory course for high school geometry. This course includes congruence and similarity, properties of polygons, circles, and solids, and proof. Both Euclidean and algebraic approaches are explored. Resources used in the course include a textbook and *Geometer's Sketchpad*—a computer software package.

Please note: Lab students have priority for this class. Written recommendation from current teacher is required. Final enrollment is not known until early June. Non-Lab students who hope to receive credit at their school should investigate this possibility before registering.

Attendance Policy: Students who miss more than two days must drop the class. No refund will be available after the first week.

Full Session: June 20–July 29
Morning: 8:30 a.m.–12:30 p.m.
Credit: 1 Unit of High School credit
Tuition: \$2,765
Instructor: Joe Scroll

High School Physical Education

Open to students entering Grades 9–12

Taught by Laboratory Schools PE teachers, this class will enable students to complete 1/2 elective High School credit for Physical Education during six weeks of Summer Lab. Thus, one full credit could be earned over two summers. The sequence of activities will be created from our existing PE curriculum including: individual and team sports, fitness center, cycling on the lakefront, and other lifetime exercise activities.

Full Session: June 20–July 29
Afternoon: 1:00 p.m.–3:00 p.m.
Note new meeting time.
Credit: 1/2 Unit of High School credit
Tuition: \$2,035 per session
Instructors: Lab Physical Education Health and Wellness Faculty

Academic Approach: SAT and ACT Test Preparation

Open to students entering Grades 10–12

Academic Approach is offering two three-week intensive standardized test preparation courses: the ACT course for Session I and the SAT for Session II.

Academic Approach emerged from a thorough evaluation by U–High administration as a preferred provider of this course. Academic Approach classrooms are more efficient and effective than other test preparation classrooms because of the level of

customized teaching achieved through detailed diagnostic reports and extensive online and in–print coursework. Academic Approach tutors are warm and supportive teaching professionals who make a classroom experience academically enriching, fun, and effective in raising scores.

Each week will start with a diagnostic exam that will enable Academic Approach to tailor the teaching to the most common and immediate test preparation needs of the entire class as revealed by a score–report analysis. Classes emphasize the most relevant skills and effective strategies for test performance, and students can monitor their progress through detailed reporting.

On diagnostic test days, usually Mondays, the class will run 3–4 hours whereas daily classes are 2 hours only. Students should expect to complete 2 hours per week of homework.

ACT Prep: June 20–July 8
SAT Prep: July 11–July 29
Afternoon: 1:00 p.m.–3:00 p.m.
Tuition: \$965 per session
Instructors: Academic Approach



Fun in the Sun

Open to students entering Grades 1–8

Full Session: June 20–July 29

Session I: June 20–July 8

Session II: July 11–July 29

Afternoon: 1:00 p.m.–3:00 p.m.

Students will indeed have a ton of fun under the sun, including arts and crafts, cooking and baking, sports and games, beach parties, dancing, museum visits and all sorts of activities with engaging, caring, experienced counselors. Children in Grades 3–8 will have swimming twice a week, while those in Grades 1–2 will have water play in wading pools and sprinklers.

Depending on enrollment, children will usually sort by age and gender, and the collective interest of each group

will be accommodated. Leadership, collaboration, and cooperation are key ingredients to everybody's excellent afternoon of activities day to day. Fun in the Sun is an excellent, two-hour day camp filled with great opportunities to relax and have fun between your Summer School classes and Summer Lab Sports Camps.



Sports Camps

Open to students entering Grades N–2 and 3–8

Session I: June 20–July 8

Session II: July 11–July 29

Afternoon: 3:00 p.m.–5:30 p.m.



Summer Lab Sports Camps give your student athlete the opportunity to hone and improve existing skills or to try something new. A wide array of choices is available for all students. Coaching staff includes Varsity and JV Coaches, and varsity teammates from the Laboratory Schools, along with veteran Summer Lab coaches.

Children entering Nursery through second grade will participate in a rotation of sports during each three week period. Session I will consist of Little Big Leaguers, Little Strikers and Little Tumblers. During Session II, children will enjoy a rotation of Little Strikers, Fit, Fun, and Games, and Little Tumblers.

Third through eighth graders may select one of the following camps which they will participate in for the entire three week session. Students may choose from Baseball, Golf, Gymnastics, Swim Instruction, Tennis, Soccer, Basketball and Fencing.

Love of the game, fair play, and good sportsmanship rank high among teaching and coaching objectives. Student campers are introduced to small game competition to improve their ability to perform in game situations. All camps use Lab's state-of-the-art facilities. The coach-to-camper ratio is kept at an optimal level to provide each camper with a challenging yet successful learning environment.

Under-enrolled camps may be cancelled, so be sure to register early for your favorites.



Register for Summer Lab online at: <http://summerlab.org>

Register by March 15 and receive a \$150 discount!

SUMMER LAB 2016 PRICE GUIDE Session I: June 20–July 8 • Session II: July 11–July 29 • Full Session: June 20–July 29

| Summer School | Session I | Session II | Full Session |
|--------------------------------|------------------|-------------------|---------------------|
| Morning | \$1,170 | \$1,170 | \$2,035 |
| Afternoon | \$565 | \$565 | \$1,035 |
| Full Day | \$1,450 | \$1,450 | \$2,765 |
| Adventure Kids Day Camp | Session I | Session II | Full Session |
| Full Day | \$1,450 | \$1,450 | \$2,765 |
| Summer Lab on Stage | Session I | Session II | Full Session |
| Morning | N/A | N/A | \$2,035 |
| Fun in the Sun | Session I | Session II | Full Session |
| Afternoon | \$565 | \$565 | \$1,035 |
| Sports Camp | Session I | Session II | Full Session |
| Afternoon | \$690 | \$690 | \$1,220 |
| Early and Late Day | Per Day | Per Week | Full Session |
| Early Day | \$15 | \$60 | \$300 |
| Late Day | \$50 | \$205 | \$1,220 |
| i2 Learning | | \$675 | |



Classes for credit are \$2,765 for 6 weeks Morning, HS PE, the afternoon class for credit, is \$2,035. ACT and SAT Test Preparation are \$965.

Summer Lab 2016–Administrative Information

Registration and Payment

All registrations require a deposit of \$300 at time of booking. Registrations and full payment are due by April 15. Under-enrolled activities may be withdrawn at this time. If you have enrolled in a canceled class, you will be contacted on or about May 1 to discuss alternate course options. Registration is not complete until signed documents and full payment, plus recommendation document, if required, are received. Registration may be made after April 15 for programs with space available, but will need to be accompanied by payment in full.

Early Bird Special!

Complete enrollments received by March 15 may take a \$150 credit off the total fee.

Cancellation and Refund Policy

Requests for cancellation must be received in writing no later than April 15. The registration deposit of \$300 will not be refunded.

Attendance

If a student will be late or absent from school, the student's parent or guardian should contact the Summer School Office by 8:30 a.m. You can contact the Summer School Office by phone at (773) 834-7766 or send an email message to attendance@summerlab.org. Should the Summer School Office not receive notification of a student's absence, a representative will contact the student's parent or guardian by phone.

Procedural Authorization and Agreement

The registration form includes your release and hold harmless agreements as well as acknowledgment of the

Laboratory Schools' Standards of Behavior. While Summer Lab makes every effort to accommodate all children, the program will not accept children who are a danger to themselves or to others, or who are disruptive to the activities such that other participants' enjoyment thereof is hindered. Persistent activity of this nature will be grounds for dismissal from the program without refund. Parents and guardians are urged to identify with the Director any special conditions or circumstances regarding their child prior to registration.

Early Day

The school building opens at 7:30 a.m. for those students registered in Early Day. Early Day is available for occasional or daily use.

Late Day

Children may participate in Late Day from 3:00 p.m. to 5:30 p.m. Late Day is available for occasional use.

Confirmation

Confirmations are sent mid- to late-May.

Lunch

Students in Summer Lab on Stage or Summer School (Grade 3 and above) may purchase a lunch plan from Café Lab, the Laboratory Schools' cafeteria. Bag-lunch options are also available for Summer School Nursery through eighth grade and Adventure Kids Grades 1–8. For more information, please contact Chris Heavlin, (773) 702-0403, cafelab@ucls.uchicago.edu.

Children may also bring lunch, snacks, and drinks beginning the first day. Please pack foods that do not require refrigeration. Snacks will be provided for

Nursery and Kindergarten classes, Adventure Kids Day Camp, and Sports Camp enrollees.

Café Lab menus are peanut and tree nut free; given the potential severity of peanut/tree nut allergies amongst the school-aged population, Summer Lab reserves the right to ask that you not send certain foods with your child for the life safety of our students.

Swimming

K–4 summer school students registered for 6-week, Full Day programs will have swimming instruction unless field trips interfere with their scheduled swim time. Students must provide swim suits and required swim caps. Goggles and nose clips are optional. Please label or mark items clearly with your child's name. Adventure Kids and Fun in the Sun (Grades 3–8) campers will also have swimming instruction and free swim time. Field trips may also include additional water activities.

Dismissal/Late Pick-up

Children entering Grade 5 and higher are expected to dismiss themselves to their ride home or to their next activity. (Unfamiliar students will receive guidance until they learn the process.) Children entering Grade 4 and below must be met at the end of their day unless parents authorize in writing that the child may self-dismiss. Children still on campus more than 10 minutes after the end of their program present an unacceptable safety and comfort risk for students. Families will incur a late fee of \$100 per child and the child will be moved to the late-day program as of 3:10 p.m. for programs ending at 3 p.m., and to the program office as of 5:40 p.m.

for Late Day and Sports Camps which end at 5:30 p.m. Accommodation will be made for families picking up at both campuses. Continuing difficulty with late pick-up may result in discontinuation of the program without refund.

Complimentary Bus Service

The Laboratory Schools' offers complimentary Bus Service. Routes can be found on Summer Lab website. The Summer Lab Office must receive the bus registration form by June 1. Children may not ride the bus if the Summer Lab Office does not have a registration form on file. For questions, please contact the Summer Lab Office at (773) 834-7766.

Personal Property

The Laboratory Schools assume no liability for participants' personal property.

Photographs and Video Recording

The Laboratory Schools use images of students in their paper and electronic publications. Images are also used for promotional and archival purposes. These uses include the regular school academic program as well as all auxiliary, co-curricular, and extracurricular programs. Students are not identified. If you DO NOT wish your child's photo to appear in any Laboratory Schools' publication or on the website, please put the request in writing to: Director's Office, Summer Photos, University of Chicago Laboratory Schools, 1362 East 59th Street, Chicago, IL 60637.

(Please see the Summer Lab website for additional details.)



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The Laboratory Schools are home to the youngest members of the University of Chicago's academic community. We ignite and nurture an enduring spirit of scholarship, curiosity, creativity, and confidence. We value learning experientially, exhibiting kindness, and honoring diversity.