

plan your summer of fun

CAMPUS CAMPS

JUNE-AUGUST 2018

TURN OVER
FOR MORE
CLASSES



YOUTH EDUCATION
THE UNIVERSITY OF UTAH

CLUB U | CAMPUS CAMPS | PRE-COLLEGE

CAMPUS CAMPS

STEAM-Based Learning for Kids!

Banish boredom and restrain the brain-drain this summer with Campus Camps. Every morning you'll wake up excited about the possibilities to expand your mind by exploring new subjects, exercising your imagination, and expressing your creativity.

Campus Camps draws upon the vast resources of the University of Utah to provide campers ages 6-14 with unlimited hands-on learning opportunities in a dazzling array of STEAM-based subjects. The flexible schedule includes half-day and full day classes, and plenty of field trips to hot spots across the Valley and beyond.

BENEFITS OF ACADEMIC CAMPS:

- Opportunities to explore unique interests
- Stay mentally and physically active
- Safe and nurturing environment that enhances social skills
- Real-life applications of what you will learn in the classroom
- Experiences that promote self-confidence and academic growth
- Develops leadership skills
- Make friends and have FUN!

CAMPUS CAMPS

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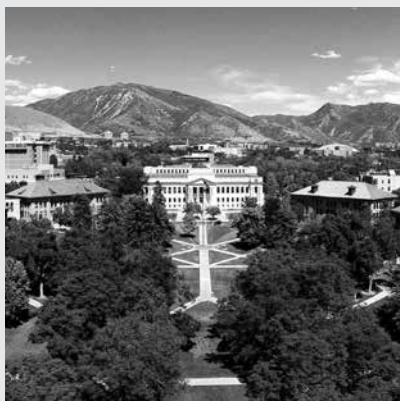
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HOW TO REGISTER

1. **Online:** The online registration system will allow the registration of several children at the same time. If you have an account and are unable to log in, please call us.
2. **By Phone:** 801-581-6984
3. **In Person:** Call to check office hours as they vary seasonally.

Payment is due at time of registration. Tuition can be paid with cash, check, or all major credit cards. Parents/Guardians will receive confirmation via email, along with a reminder email one week before class begins.



YOUTH EDUCATION CONTACT INFO

1901 E. South Campus Dr.
1195 Annex Building (Wing A)
Salt Lake City, UT 84112-9359

Phone: 801-581-6984

Website: youth.utah.edu

YOUTH EDUCATION POLICIES

PHOTO ID REQUIRED FOR PICK UP

Anyone picking up students, ages 5-13, must be listed as approved to do so (including parents and guardians) and provide a photo ID for check-out. Students will not be checked out to those without proper identification. Children, ages 9-13, will be allowed to check themselves out with written permission from the parent or guardian.

EARLY ARRIVALS AND LATECOMERS

Parents/Guardians must be prompt in dropping off and picking up students. The University of Utah does not assume responsibility for any child dropped off unattended. Please do not drop off children more than ten minutes before a class begins. If a child is not picked up promptly after class, late fees will be charged (\$5.00 for each 10 minutes after the class has ended). This does not apply due to any emergencies. Please contact the Youth Education staff to alert us to an emergency situation.

RAIN POLICY FOR OUTDOOR CLASSES

If you are not contacted by phone, do not assume the class is canceled due to weather. If you have not received any prior notice, please bring students to the scheduled location where you will be met by an instructor or staff member and advised of the backup location or rescheduled date. You will be asked to transport your child to and from the backup location.

REFUNDS

Full refunds will be given for classes dropped up to four full weeks prior to the first day of class. No refunds will be authorized after the drop deadline has passed or in the event of a dismissal. Please contact us if you have extenuating circumstances beyond student or parent/guardian control.

CANCELLATION OF CLASS

If fewer than the minimum number of students enroll in a class, it will be canceled. Parents/Guardians will be notified in advance and will receive a full refund.

PARKING

Parents/Guardians and students are expected to abide by parking restrictions at all course locations. Youth Education tries to schedule classes in buildings near pay lots, where the first 15 minutes are free. Students of driving age may purchase temporary permits from Parking Services if they are driving themselves. Vehicles may be ticketed if parked in a restricted area or without a parking permit. For questions concerning parking restrictions, visit parking.utah.edu or call 801-581-6415.

PHOTO RELEASE

Parents/Guardians, of registered students, grant Youth Education and co-sponsored camps permission to use any photography of or written statements made by the student during any Youth Education program for marketing purposes.

DISCIPLINE POLICY

The purpose of good classroom management is to provide an environment conducive to learning. Teachers have the right to teach and students have the right to learn. An extremely disruptive student interrupts the learning experience and upsets the other children.

Students are expected to abide by these rules:

1. Follow directions
2. Show respect with your words and body
3. Think safety first!

Our policy in handling disruptive children is as follows: First, the instructor will discuss the situation with the student; on the second occurrence, the instructor will notify the parent. If the situation continues uncorrected, the Youth Education staff will contact the parent and the student will be dismissed. No refunds will be authorized in the event of a dismissal.

UNIVERSITY OF UTAH CAMPUS MAP



Scan to view interactive campus map or visit map.utah.edu.

SCIENCE & TECHNOLOGY

Crack the Code



Design a Video Game



Explore the Cosmos



Featured Camps: SUPER SECRET AGENTS (pg.5), WEATHER INVESTIGATORS: FORCES OF NATURE (pg.7), SPACE ACADEMY (pg.7), CODING WITH PYTHON (pg.8), GAME DESIGN STUDIO (pg.9)

SCIENCE & TECHNOLOGY

SCIENCES

ADVENTURES IN VETERINARY MEDICINE (AGE 9-11 & AGE 12-14)

Explore the field of veterinary medicine! Spend the first half of each day learning what it takes to become a veterinarian and the other half getting up close and personal with horses at Camp Kostopulos. You will learn about animal anatomy, surgical procedures, and see what it's like behind the scenes in the veterinary profession. At Camp K, discover things you never knew about these majestic animals while practicing horse care and grooming skills. You will even have the opportunity to ride one of the horses. Embrace your inner animal lover and join this lively class! Co-sponsored with Camp Kostopulos. *NOTE: This is not a horseback-riding class. Participants will have interaction with the horses but minimal riding time. Lunch is not provided.*

YETEC 600-001 (Age 9-11)

MWThF, Jul 23-27 • 9 AM-3 PM
LOCATION: Campus • SLC
FEE: \$255 + \$55 special fee
NOTE: *No class on Tuesday, July 24.*

YETEC 600-002 (Age 9-11)

MTWThF, Aug 6-10 • 9 AM-3 PM
LOCATION: Campus • SLC
FEE: \$310 + \$80 special fee

YETEC 601-001 (Age 12-14)

MWThF, Jul 23-27 • 9 AM-3 PM
LOCATION: Campus • SLC
FEE: \$255 + \$55 special fee
NOTE: *No class on Tuesday, July 24.*

YETEC 601-002 (Age 12-14)

MTWThF, Aug 6-10 • 9 AM-3 PM
LOCATION: Campus • SLC
FEE: \$310 + \$80 special fee



THE POWER OF PHYSICS (AGE 9-11)

Experience the full-force of physics in this interactive camp! Learn about motion, waves, electricity, and pressure while engaging in hands-on, interactive activities. The heat is on and the pressure is up, prepare to feel the power of physics!

YESCI 140-001

MTWThF, Jul 16-20 • 9 AM-12 PM
LOCATION: Campus • SLC
FEE: \$120 + \$25 special fee

BIOEYES: GENETICS IN ACTION (AGE 9-11)

Let's all be scientists! Come set up your very own science experiment using zebrafish. You will learn about where zebrafish come from, what science is being done with them and even get to see the heartbeat of a developing larva. Investigate where genes come from, what DNA looks like, and how scientists are using a tiny fish to cure cancer. Activities will also include field trips to University of Utah zebrafish core facility and science labs, meeting scientists working in the lab, conducting a science treasure hunt, and starting your own science lab notebook. Co-sponsored with the U of U's Department of Pediatrics.



YESCI 620-001

MTWThF, Jul 9-13 • 9 AM-12 PM
LOCATION: Campus • SLC
FEE: \$199 + \$35 special fee

BIOEYES: GENETICS IN ACTION (AGE 11-13)

Unleash your inner scientist! Have you ever wondered why your hair is straight or curly, or what makes your eyes blue or brown? It's all in your genes! Come and learn about genetics using zebrafish and learn why these amazing animals make excellent models for human development. You will be the scientist and design your own experiment to determine what genes the adults have by examining their offspring. Track your research as you start your own science lab notebook, observe the beating heart of a developing larva, extract your own DNA, take field trips to meet lab scientists at the University of Utah zebrafish core facility, and see science in action! Co-sponsored with the U of U's Department of Pediatrics.

YESCI 621-001

MTWThF, Jun 25-29 • 9 AM-12 PM
LOCATION: Campus • SLC
FEE: \$245 + \$35 special fee

YESCI 621-002

MTWThF, Jul 9-13 • 1-4 PM
LOCATION: Campus • SLC
FEE: \$245 + \$35 special fee

SUPER SECRET AGENTS (AGE 8-10)

Calling all agents! The world needs your help! You've been chosen to be a part of an elite group of agents tasked with a high priority mission. If you choose to accept, meet at our top secret training base where you'll

practice cracking secret codes, study fingerprints, avoid lasers, and defuse a bomb. Don't delay - our world's fate is in your hands.

YETEC 340-001

MTThF, Jul 2-6 • 1-4 PM
LOCATION: Campus • SLC
FEE: \$100 + \$30 special fee
NOTE: *No class on Wednesday, July 4.*

WHAT EINSTEIN TOLD HIS COOK (AGE 11-13)

In this summer workshop you will explore all of the secrets of the kitchen and learn how Chemistry and Physics unite to provide us with our food today. This workshop will focus on the science in the kitchen and is not your normal cooking class! Using science and a variety of media you will peer into the intricacies behind what happens to our food when you manipulate it using culinary techniques. Co-sponsored with Higher Ground Learning. *NOTE: If you have food allergies, please be aware that Youth Education does not guarantee an allergen-free environment. Recipes may contain nuts, nut oils, shellfish, dairy, produce and/or other food allergens. Contact us with any questions at 801-581-6984.*

YESCI 60-001

MTWThF, Jul 16-20 • 1-4 PM
LOCATION: Higher Ground Learning, 380 W Pierpont Ave • SLC
FEE: \$135 + \$75 special fee

YESCI 60-002

MTWThF, Aug 13-17 • 9 AM-12 PM
LOCATION: Higher Ground Learning, 380 W Pierpont Ave • SLC
FEE: \$135 + \$75 special fee

BEHIND THE CURTAINS: THE SCIENCE OF MAGIC (AGE 9-11)

Explore the physics and science behind magic and discover the secrets of the magician's trade. Use your scientific knowledge to develop your magic skills. From levitating objects to card tricks, learn, practice, and perform magic tricks and illusions. Explore other tools of the trade that magicians are often required to know, such as juggling and tying balloon animals. Pull back the curtains and take a peek at the science of magic!

YESCI 150-001

MTWThF, Jul 16-20 • 1-4 PM

LOCATION: Campus • SLC

FEE: \$110 + \$60 special fee

FORENSIC CRIME SCIENCE (AGE 11-13)

Become a Crime Scene Investigator in training, in this interactive adventure to solve a crime using science like you never have before. Engage in a wide range of hands-on experiments dealing with chemistry and chemical reactions, physics, forensics and medical dissections. Join us for a week that inspires interest in all the sciences, discover not only who did it, but how to use science to serve justice! Co-sponsored with the U of U's School of Medicine.

YESCI 160-001

MTWThF, Jun 18-22 • 9 AM-12 PM

LOCATION: Campus • SLC

FEE: \$170 + \$25 special fee

GRAVITY, RELATIVITY, & FLYING SODAS (AGE 8-10)

Have you ever wanted to drop something just to see what would happen? Have you ever been in an airplane and wondered what's keeping you in the air? Do beach balls and bowling balls really fall at the same rate? Using a hands-on approach, you'll understand the theories behind these occurrences, and at the end of the workshop, you'll see the world in a different way, and be able to impress your friends with your Einstein-like genius. Co-sponsored with Higher Ground Learning.

YESCI 204-001

MTWThF, Jun 11-15 • 9 AM-12 PM

LOCATION: Higher Ground Learning,

380 W Pierpont Ave • SLC

FEE: \$135 + \$70 special fee

SPACE ROCKETS! (AGE 12-14)

Explore physics, problem solve, and learn about how NASA puts rockets into space! Students will develop critical thinking and teamwork skills while learning about aerospace design. Each student will study what makes rockets really fly and design and build their own. The final day of class will be spent at the University of Utah launching our rockets! Don't worry, parents, Space Rockets are unmanned, so your kids will remain safely on the ground. Co-sponsored with Higher Ground Learning.

YESCI 219-001

MTWThF, Aug 13-17 • 1-4 PM

LOCATION: Higher Ground Learning,
380 W Pierpont Ave • SLC

FEE: \$135 + \$80 special fee

NOTE: *Students will need to be dropped off and picked up from the University of Utah on August 17. Pick up/Drop off details will be emailed out a week prior to class.*

GROSS ANATOMY (AGE 8-10)

This fun and exciting workshop will explain the systems of our body by talking about everything adults don't really want to talk about. Kids will spend the week learning things like how our body makes a scab, where ear wax comes from, why we hiccup, and what spit has to do with taste. Students will also make their own blood, brains, and snot! We are hoping that your kids will see the body in a whole new way and make lots of wonderful dinner conversation with you. Co-sponsored with Higher Ground Learning.

YESCI 205-001

MTWThF, Jun 11-15 • 1-4 PM

LOCATION: Higher Ground Learning,
380 W Pierpont Ave • SLC

FEE: \$135 + \$70 special fee

SUPER SCIENCE INVESTIGATORS (AGE 6-8 & AGE 9-11)

Experience and experiment with a new science adventure each day in this awesome class full of chemistry, biology, ecology, geology, and other spectacular sciences. Spend half of each day on the University of Utah campus conducting experiments in the lab, and spend the other half at Camp Kostopulos for some hands-on

learning in the field, exploring nature, and seeing science in action! Dive in and dissect a fish and walk around Emigration Canyon as you identify plants and animals. Daily hands-on experiments let you get creative and messy with science as you learn about how the world works! Co-sponsored with Camp Kostopulos.
NOTE: *Lunch is not provided.*

YESCI 50-001 (Age 6-8)

MTWThF, Jul 16-20 • 9 AM-3 PM

LOCATION: Campus • SLC

FEE: \$285 + \$80 special fee

YESCI 51-001 (Age 9-11)

MTWThF, Jul 16-20 • 9 AM-3 PM

LOCATION: Campus • SLC

FEE: \$285 + \$80 special fee

MYSTERIES OF MARS (AGE 9-11)

Welcome to Mars Base Camp – your home away from home. As the first squad of scientists to set foot on Mars, your mission is to explore the strange Red Planet. You will discover how the soil differs from Earth's, design and build your own Spirit Rover, then excavate things from ice. You will also construct and explode a replica of Olympus Mons, the largest volcano in our Solar System, all the while uncovering the mysteries of Mars.

YESCI 220-001

MTThF, Jul 2-6 • 9 AM-12 PM

LOCATION: Campus • SLC

FEE: \$100 + \$30 special fee

NOTE: *No class on Wednesday, July 4.*

DISSECTION INSPECTION (AGE 11-13)

Students will have the opportunity to engage their curiosity about animals while investigating the outer and inner workings of an earthworm, grasshopper, crawfish and frog. Participants should be interested and willing to dissect, under supervision, multiple specimens; a strong stomach and curious mind is a must for this fun, hands-on dissection class! Co-sponsored with Higher Ground Learning.

YESCI 213-001

MTWThF, Jun 18-22 • 1-4 PM
LOCATION: Higher Ground Learning,
380 W Pierpont Ave • SLC
FEE: \$135 + \$100 special fee

YESCI 213-002

MTWThF, Aug 6-10 • 1-4 PM
LOCATION: Higher Ground Learning,
380 W Pierpont Ave • SLC
FEE: \$135 + \$100 special fee



WEATHER INVESTIGATORS: FORCES OF NATURE (AGE 9-11)

Calling all weather wizards! Have you ever wondered why Utah has "The Greatest Snow on Earth"? Or, what causes the inversion to plague the Wasatch Front each winter? In this class, you will go behind the scenes to learn the science behind our wacky weather. Then, things get extreme as you investigate the formation of thunderstorms, tornadoes, and hurricanes. You will get zapped with

lightning, create clouds in a bottle, and launch a weather balloon! Join us in this class that will blow you away!

YESCI 250-001

MTWThF, Jun 25-29 • 1-4 PM
LOCATION: Campus • SLC
FEE: \$145 + \$35 special fee

SOAR THE SALTY SHORES: BIRDS OF GREAT SALT LAKE (AGE 8-10)

Fly into adventure! Explore the Great Salt Lake ecosystem and the important role that birds play within it. The Great Salt Lake is known by shorebirds as one of the best places north of the equator for fine dining and spacious lodging. In this class, you will learn about our feathered friends and what makes them so unique. Then take on the role of lead scientist and investigate what makes Great Salt Lake so loved by birds. You will hatch brine shrimp to take home, build your own wetland models, take a field trip to Tracy Aviary and so much more! Co-sponsored with Friends of Great Salt Lake.

YESCI 416-001

MTWThF, Jun 25-29 • 9 AM-12 PM
LOCATION: Campus • SLC
FEE: \$160 + \$35 special fee
NOTE: *On Wednesday, June 27th pick up will be at the Natural History Museum of Utah. Parents are responsible for picking up and dropping off students at Tracy Aviary on Thursday, June 28.*



SPACE ACADEMY (AGE 6-8)

Explore the cosmos and learn about basic astronomy through art and science. Learn about the sun, planets, moon, stars, galaxies, and the universe! Build a comet and create an eclipse. Discover the wonders of science at the Clark Planetarium and see a star show.

YESCI 510-001

MTWThF, Jul 30-Aug 3 • 1-4 PM
LOCATION: Campus • SLC
FEE: \$135 + \$25 special fee

DIGGIN' DINOSAURS (AGE 7-9)

Stomp, chomp, and roar! They roamed the earth billions of years ago. But how did they live? Become a Paleontologist for a week and explore the prehistoric world of dinosaurs! Learn digging and preservation techniques and make dinosaur teeth. You will also take a field trip to the Natural History Museum of Utah where you will investigate evidence left behind millions of years ago and "read the story" ancient fossils have left for us to uncover!

YESCI 405-001

MTWThF, Aug 13-17 • 9 AM-12 PM
LOCATION: Campus • SLC
FEE: \$110 + \$30 special fee
NOTE: *On Wednesday, August 15 pick up will be at the Natural History Museum of Utah.*

STAR GAZERS: PHYSICS OF ASTRONOMY (AGE 11-13)

Discover the physics of astronomy as you explore gravitational forces, the speed of light, and much more. Learn about the planets, stars, and features of others galaxies. Investigate the development of the solar system and understand how Earth fits within the Milky Way galaxy. You'll never look at the stars the same way again!

YESCI 514-001

MTWThF, Jul 30-Aug 3 • 9 AM-12 PM
LOCATION: Campus • SLC
FEE: \$135 + \$40 special fee



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DIGITAL ART & ANIMATION

GAME ANIMATION (AGE 12-14)

Learn how to animate characters for video games! In this course you will get an introduction to interactive media animation. You will create storyboards to plan your animation and learn some of the techniques used to create animation for games or the Web. Topics will include integrating sound with your animations, creating your own drawings, and adding video and simple logic to your animations. Co-sponsored with the U of U's EAE program.

YETEC 110-001

MTWThF, Jun 25-29 • 9 AM-12 PM
LOCATION: Campus • SLC
FEE: \$210 + \$10 special fee

GRAPHIC ART: DRAWING WITH TECHNOLOGY (AGE 9-11)

Want to see the art of the future? Look no further than your computer. This interactive course teaches you how to use Adobe Photoshop and Illustrator to create your own art. Enhance hand drawn works after scanning them into a computer and practice modifying photographs of your friends and family, building your skills for a final project of your own creation! Co-sponsored with the U of U's EAE program.

YETEC 50-001

MTWThF, Jun 18-22 • 1-4 PM
LOCATION: Campus • SLC
FEE: \$150 + \$10 special fee

COMPUTER SCIENCE

JAVA PROGRAMMING (AGE 9-11 & AGE 12-14)

Join us for a class that will introduce you to Java technology, an invaluable development platform used to create applications. Gain exposure to Java programming syntax, object-oriented programming, and a few other aspects of the programming language used by millions of software developers. Co-sponsored with the U of U's EAE program.

NOTE: *Typing skills required for this class.*

YETEC 305-001 (Age 9-11)

MTThF, Jul 2-6 • 1-4 PM
LOCATION: Campus • SLC
FEE: \$195 + \$10 special fee
NOTE: *No class on Wednesday July 4.*

YETEC 307-001 (Age 12-14)

MWThF, Jul 23-27 • 9 AM-12 PM
LOCATION: Campus • SLC
FEE: \$195 + \$10 special fee
NOTE: *No class on Tuesday, July 24.*

HTML CODING (AGE 11-13)

Want to "write" your own webpage? HTML is basis of every website you have ever visited, the backbone of the internet. Learn the fundamentals of HTML as you build a page from the ground up, whether it is a news site, blog or personal bio. Then add images, videos and links while practicing key concepts of good web design. Co-sponsored with the U of U's EAE program.

YETEC 310-001

MTWThF, Jun 11-15 • 9 AM-12 PM
LOCATION: Campus • SLC
FEE: \$165 + \$10 special fee

CODING WITH PYTHON (AGE 9-11 & 12-14)

Python is an easy-to-use, but powerful scripting language used by graphic artists and engineers for creating games and websites. Learn basic commands and functions then continue on with your project after the class ends using Python's advanced features. Get familiar with this popular and versatile language, whether you are new to coding or looking to enhance your skills. Co-sponsored with the U of U's EAE program.

NOTE: *Typing skills required for this class.*

YETEC 135-001 (Age 9-11)

MTWThF, Jun 18-22 • 9 AM-12 PM
LOCATION: Campus • SLC
FEE: \$185 + \$10 special fee

YETEC 145-001 (Age 12-14)

MTWThF, Jun 25-29 • 1-4 PM
LOCATION: Campus • SLC
FEE: \$185 + \$10 special fee

BEGINNING ARCADE PROGRAMMING (AGE 9-11)

Checkers got you down? Tired of cards or dominoes? Bored with playing the same games over and over? Why not make your own? If you've ever wanted to change a [video game to make it easier (or harder), then this is the class for you. Learn the basics of creating your own video games through simple, step-by-step instructions. And who knows, it might even be (gasp!) educational. Co-sponsored with the U of U's EAE program.

NOTE: *Typing skills required for this class.*

YETEC 151-001

MTWThF, Jul 9-13 • 1-4 PM
LOCATION: Campus • SLC
FEE: \$150 + \$10 special fee

BEGINNING PROGRAMMING WITH SCRATCH (AGE 7-9)

Program your own game, character animation, or interactive story. Jump into the world of computer science with Scratch, an age-appropriate computer language designed to teach the fundamentals of programming. Design your own character and create an environment for it to 'live' in. Then give your character a purpose by developing a storyline or gaming objective. Explore graphics, animations, sound, and more as you level up your skills. Co-sponsored with the U of U's EAE program.

YETEC 132-001

MTThF, Jul 2-6 • 9 AM-12 PM
LOCATION: Campus • SLC
FEE: \$160 + \$10 special fee
NOTE: *No class on Wednesday, July 4.*

YETEC 132-002

MWThF, Jul 23-27 • 1-4 PM
LOCATION: Campus • SLC
FEE: \$160 + \$10 special fee
NOTE: *No class on Tuesday, July 24.*

GAME DESIGN

EAE GAME DESIGN STUDIO (AGE 11-13)

Take the next step in your game development career and start creating games from the ground up. Learn techniques from EAE graduate students in this intensive class. Using professional tools like Unreal Engine and Unity, start developing the skills needed to become a level designer and gameplay programmer. Combine everything you've learned, from coding to design, to build a final prototype, in this in-depth, hands-on game development workshop. Co-sponsored with the U of U's EAE program.

NOTE: *Lunch provided daily.*

YETEC 119-001

MTWThF, Jul 9-13 • 9 AM-3 PM
LOCATION: Campus • SLC
FEE: \$310 + \$55 special fee

YETEC 119-002

MTWThF, Jul 30-Aug 3 • 9 AM-3 PM
LOCATION: Campus • SLC
FEE: \$310 + \$55 special fee

GAME DESIGN: 2D SIDE-SCROLLER (AGE 9-11)

In the style of Mario and Flappy Bird, here's your chance to design your own classic side-scroller adventure. You have complete control over the design of this video game and will create your own characters and environments. Design objects that you can pick up to help your avatar

and design obstacles to increase the difficulty of the game. Leave with a prototype that you can continue to develop and share with family and friends. Co-sponsored with the U of U's EAE program.

YETEC 500-001

MTWThF, Jul 16-20 • 1-4 PM
LOCATION: Campus • SLC
FEE: \$265 + \$10 special fee

GAME DESIGN: MAYA 3D MODELING (AGE 9-11)

Do you love drawing and animation? Take it to the next level as you learn to use Maya software to bring your designs to life. Create your very own 3D models, then see it come alive through animation. Co-sponsored with the U of U's EAE Program.

YETEC 505-001

MTWThF, Jul 16-20 • 9 AM-12 PM
LOCATION: Campus • SLC
FEE: \$265 + \$10 special fee

GAME DESIGN: 3D RUNNER (AGE 12-14)

Experience a world through the eyes of a video game character, when you create your own 3D runner. Learn game design fundamentals, how to create a terrain, and basic programming and animation as you develop a first-person perspective world, much like Call of Duty or Minecraft. Design your own game where you are the runner. Build paths to follow and obstacles to avoid. Leave with a prototype you can continue to run with and share with your family and friends. Co-sponsored with the U of U's EAE program.



GAME DESIGN:
MAYA 3D MODELING pg.9

YETEC 509-001

MTWThF, Aug 6-10 • 9 AM-12 PM
LOCATION: Campus • SLC
FEE: \$275 + \$10 special fee

GAME DESIGN: 3D WORLDS (AGE 12-14)

Run, jump and play in a 3D adventure video game of your own creation. Learn game design fundamentals, basic game programming, and character animation. Following the footsteps of Mario 64 and Skylanders, design your own virtual world and then develop a game within it. Create buildings, trees, streets, and mountains, then explore everything you've built. Leave with a prototype that you can continue to develop and share with the world! Co-sponsored with the U of U's EAE program.

YETEC 510-001

MTWThF, Aug 6-10 • 1-4 PM
LOCATION: Campus • SLC
FEE: \$275 + \$10 special fee

GAME DESIGN: GIRLS ONLY! (AGE 11-13)

Join us for this all-girl class and design your own video game. From concept to prototype, learn from professional women working in video game design as you use industry-standard tools to create your own graphic art and program your own game. Leave with a prototype you can continue to develop and share with your family and friends - a testament to the artistic and engineering brilliance of girls! Co-sponsored with the U of U's EAE program.

NOTE: *This class is designed for girls with interest in STEM areas.*

YETEC 511-001

MTWThF, Jul 30-Aug 3 • 1-4 PM
LOCATION: Campus • SLC
FEE: \$255 + \$10 special fee

GAME DESIGN: GRAPHIC ART AND CODE (AGE 11-13)

Create your own character and then tell it what to do! Learn all about game design and game studio simulation in this design-focused class. Program your own game using the versatile software Game Maker. Fabricate your own characters and scenes, then integrate your graphics into the game. Learn to manipulate code to add another level of customization, then test everything you've built by simulating your game and preparing it for production. Leave with a prototype that you can continue to develop and share with family and friends. Co-sponsored with the U of U's EAE program.

YETEC 520-001

MTWThF, Jun 11-15 • 1-4 PM
LOCATION: Campus • SLC
FEE: \$195 + \$90 special fee

TABLETOP GAME DESIGN (AGE 11-13)

Who needs computers for game design? Learn the fundamentals of creating tabletop games from the ground up. Set your own rules, how many people can play and what it takes to win. Drawing from video game and tabletop game traditions, students will learn to "find the fun" from concept to paper prototyping, and at the end, you will have a game to take home. Co-sponsored with the U of U's EAE program.

YETEC 524-001

MTWThF, Jul 30-Aug 3 • 1-4 PM
LOCATION: Campus • SLC
FEE: \$125 + \$25 special fee

CREATIVE ARTS

FINE ARTS



ART INSPIRED BY NATURE (AGE 6-11)

Free your wild side in this nature themed art camp! With nature as your guide, you will use organic materials like sticks, rocks, and leaves to build mobiles, paintings, and create other works of art. Ignite your imagination and join us on a journey to see what earth's beauty can inspire! Co-sponsored with The Paint Mixer.

YEART 88-001

MTWThF, Jul 16-20 • 9 AM-12 PM
LOCATION: The Paint Mixer,
1327 E 2100 S • SLC
FEE: \$150 + \$65 special fee

YEART 88-021

MTWThF, Jul 9-13 • 9 AM-12 PM
LOCATION: The Paint Mixer,
738 Main Street • Park City
FEE: \$150 + \$65 special fee

UNLEASHING THE ARTIST: PAINTING AT THE PAINT MIXER (AGE 6-11)

Unleash the artist inside! Join The Paint Mixer in a class that will satisfy your appetite for art. Utilizing acrylic and canvas, discover different expressive techniques and create a personal connection with your art. Gain a deeper understanding of the medium as you complete masterpieces that will impress your family and friends. This class will focus on technique and developing your artistic style. Co-sponsored with The Paint Mixer.

YEART 80-001

MTWThF, Jun 11-15 • 9 AM-12 PM
LOCATION: The Paint Mixer,
1327 E 2100 S • SLC
FEE: \$150 + \$65 special fee

YEART 80-002

MTThF, Jul 2-6 • 9 AM-12 PM
LOCATION: The Paint Mixer,
1327 E 2100 S • SLC
FEE: \$120 + \$55 special fee
NOTE: *No class on Wednesday, July 4.*

YEART 80-003

MTWThF, Jul 23-27 • 9 AM-12 PM
LOCATION: The Paint Mixer,
1327 E 2100 S • SLC
FEE: \$150 + \$65 special fee

YEART 80-004

MTWThF, Aug 6-10 • 9 AM-12 PM
LOCATION: The Paint Mixer,
1327 E 2100 S • SLC
FEE: \$150 + \$65 special fee

YEART 80-021

MTWThF, Jun 18-22 • 9 AM-12 PM
LOCATION: The Paint Mixer,
738 Main Street • Park City
FEE: \$150 + \$65 special fee



MURAL MASTERPIECE: PAINTING AT THE PAINT MIXER (AGE 6-11)

Amplify your art to a grand scale! Join the Paint Mixer in this hands-on camp where you'll use acrylic paints to craft a unified image using smaller canvases. You'll leave this camp with the skills to create future projects and a mural masterpiece to display at home. Co-sponsored with The Paint Mixer.

YEART 87-001

MTWThF, Jun 25-29 • 9 AM-12 PM
LOCATION: The Paint Mixer,
1327 E 2100 S • SLC
FEE: \$150 + \$65 special fee

JUNIOR ARCHITECTS (AGE 9-11)

This is your opportunity to show your imagination to the world through architectural design! Draw the different architectural periods and styles while taking sketching field trips around the University of Utah campus. Discover how architects use art, science, history, and basic design to create buildings. Once you've covered the basics, use your imagination and vision to express your unique architectural style through participation in a large group project that will be shared with family and friends at the end of course. Co-sponsored with the U of U's College of Architecture + Planning.

YEART 101-001

MTWThF, Jun 18-22 • 9 AM-12 PM
LOCATION: ARCH RMTBA, Campus • SLC
FEE: \$110 + \$25 special fee
NOTE: *Class meets in the Studio Space on the first floor of the Architecture Building (ARCH).*



SENIOR ARCHITECTS (AGE 12-14)

This class allows students to fully immerse themselves in their projects! Draw the different architectural periods and styles while taking sketching field trips around the University of Utah campus. Discover how architects use art, science, history, and basic design to create buildings. Solve difficult design problems and use computer programs to help you turn your ideas into reality. Use your imagination and vision to express your unique architectural style by participating in a group project at the end of the course. Co-sponsored with the U of U's College of Architecture + Planning.

YEART 102-001

MTWThF, Jun 18-22 • 1-4 PM
LOCATION: ARCH RMTBA, Campus • SLC
FEE: \$110 + \$30 special fee
NOTE: *Class meets in the Studio Space on the first floor of the Architecture Building (ARCH).*

ARCHITECTURAL MODEL BUILDING (AGE 11-13)

You've taken Junior and/or Senior Architects, and you are ready to get building! Explore the 3D world of physical model building using pre-designed objects or what you find around you. Sketch for inspiration then build away! You will also study and create basic floor plans to help you along the way. Focus on scale, structure and creativity as you develop a plan and then build it into reality. Co-sponsored with the U of U's College of Architecture + Planning.

YEART 104-001

MTWThF, Jul 30-Aug 3 • 10 AM-12 PM
LOCATION: ARCH RMTBA, Campus • SLC
FEE: \$100 + \$35 special fee
NOTE: *Class meets in the Studio Space on the first floor of the Architecture Building (ARCH).*



DRAWING DYNAMICS (AGE 9-11)

Allow your imagination to run free! Gather inspiration from famous photographs, natural landscapes and your own imagination while studying the Elements of Art and the Principles of Design. Then experiment with graphite, charcoal, colored pencil, oil pastel, and scratch art and watch your ideas come alive on paper!

YEART 241-001

MTWThF, Jun 18-22 • 9 AM-12 PM
LOCATION: Campus • SLC
FEE: \$110 + \$25 special fee

BUILD YOUR OWN LONGBOARD: CUSTOM PINTAILS (AGE 12-14)

In this week long course students will build their very own classic, pintail longboard from scratch using maple wood veneer and a simple wood press. Using hand tools and a little bit of sweat we'll shape and sand our new boards. Once that new deck is looking smooth and just the way you want, we'll customize with spray paint and stencils before putting on our trucks, wheels, and grip tape. And finally, after all that hard work, we'll take our finished boards out for a test run for a safety check and to carve up the sidewalks. Co-sponsored with Higher Ground Learning.

NOTE: *Students must have a helmet to test their boards the last day of class.*

YESPR 50-001

MTWThF, Jun 18-22 • 1-4 PM
LOCATION: Higher Ground Learning, 380 W Pierpont Ave • SLC
FEE: \$125 + \$150 special fee

DO IT YOURSELF! (AGE 11-13)

By taking this "Do It Yourself" workshop students will learn how to make some of Etsy's top selling crafts from scratch. They will learn how to design and create their own pillows, lampshades, and a little bit of pottery for in home plant friends. Creativity and self-expression will be emphasized in a fun and engaging hands-on atmosphere! If you're a fan of crafting, this is the class to take! Co-sponsored with Higher Ground Learning.

YEART 141-001

MTWThF, Jun 25-29 • 9 AM-12 PM
LOCATION: Higher Ground Learning, 380 W Pierpont Ave • SLC
FEE: \$135 + \$70 special fee

WONDROUS WATERCOLOR (AGE 9-11)

Paint outside the lines! Create realistic and experimental watercolors in this hands-on camp. Learn a variety of techniques like splash, splatter, wash, wet-on-wet and dry brush. We'll even experiment with salt. You'll also learn to incorporate plants and animals into your paintings with proper scaling, all the while, searching for inspiration through photographs, real life, and your imagination.

YEART 240-001

MTWThF, Jun 18-22 • 1-4 PM
LOCATION: Campus • SLC
FEE: \$110 + \$40 special fee



Color Outside
the Lines

Design a Building



CREATIVE ARTS

Become a Script Writer

Featured Camps: ART INSPIRED BY NATURE (pg.10), JUNIOR ARCHITECTS (pg.10), MASK MAKING MASQUERADE (PG.13), IMPROV: LIVE AND UNREHEARSED (pg.13), WRITING FOR NOVELS TELEVISION AND FILM (pg.14)



URBAN ART - THE STREET ART PROJECT: STENCILS, STYLE + SPRAY PAINT (AGE 12-14)

This five day introductory course to urban arts will explore various forms of street art techniques, styles, legendary urban artists, and their impact on today's culture. SLC local artist Matt Monsoon will work with students to develop their own personal style, street artist persona, and learn basic techniques to create their own original artworks using stencils, stickers, markers, wheat paste, aerosol paints, and other tools of the trade. Co-sponsored with Higher Ground Learning.

YEART 309-001

MTWThF, Jul 30-Aug 3 • 1-4 PM
LOCATION: Higher Ground Learning,
380 W Pierpont Ave • SLC
FEE: \$135 + \$90 special fee

WORLD OF CHIBI & KAWAII ART (AGE 11-13)

Discover the crazy-popular world of Chibi and Kawaii Art. Learn the story behind these two Japanese styles and the techniques to create your own cute and deceptively simple designs that will have your friends and family fawning over your work! In Samurai fashion, unsheathe your pencils and pens, and begin the journey to mastering these two amazing techniques.

YEART 318-001

MTWThF, Jul 9-13 • 9 AM-12 PM
LOCATION: Campus • SLC
FEE: \$110 + \$25 special fee

THE ART OF MANGA (AGE 11-13)

Come join the Youth Education Manga Team and delve into the rich artistic history of Japan. We will explore the Art of Manga through the study of different artistic styles and the Japanese language. Learn the techniques used to design and publish this unique Japanese art form. Go behind the scenes and get hands-on experience with the various tools and techniques by producing your own Manga. If you are a fan of Anime or a rabid reader of Manga, then this is a week you don't wanna miss!

YEART 317-001

MTWThF, Jul 9-13 • 1-4 PM
LOCATION: Campus • SLC
FEE: \$110 + \$25 special fee



MASK MAKING MASQUERADE (AGE 9-11)

Step into the magical world of mask making! In this creative workshop, you will craft and decorate two plaster casts, construct plaster horns, roses, and hair to adorn your artistic masterpiece, all the while, discovering the significance of masks throughout history.

YEART 370-001

MWThF, Jul 23-27 • 9 AM-12 PM
LOCATION: Campus • SLC
FEE: \$100 + \$45 special fee
NOTE: *No class on Tuesday, July 24.*



COMIC BOOK ART (AGE 11-14)

Superheros. Evil villains. Doomsday machines. The fate of the universe rests in your hands and how you decide to draw it. This exciting course helps you develop your ability to bring to life comic or cartoon figures as you create and illustrate a graphic story. We'll talk about visual character development as well as illustration techniques and storyboarding. Please come to the first class with a concept in mind. You may work in the medium of your choice. Please bring the materials appropriate to your medium or we will provide materials in class.

YEART 323-001

MTWThF, Jun 25-29 • 1-4 PM
LOCATION: Campus • SLC
FEE: \$110 + \$25 special fee

A GRAPHIC NOVEL THIS WAY COMES (AGE 12-14)

Join professional (and famous!) comics author/illustrator Jess Smart Smiley as he walks you through the tools and techniques that comics, artists, and writers use to make their comics for print, the web, and mobile devices. Aspiring young artists will explore the comic book as a wholly developed narrative; commonly referred to as graphic novels, these works of art combine highly developed themes and visual art in one piece. Come ready to create mind-blowing stories, develop exciting characters, explore word balloons and page layouts, draw with pen and ink, and (of course) make comics!

YEART 319-001

MTWThF, Jun 11-15 • 9 AM-12 PM
LOCATION: Higher Ground Learning,
380 W Pierpont Ave • SLC
FEE: \$135 + \$75 special fee

MUSIC AND PERFORMANCE

OPERA WORKSHOP (AGE 8-10)

Explore a whole new world of music. Combine singing and acting as you work with other students to produce an original opera from a well-known story. Star performer. Music composer. Stage manager. Costume designer. You'll have the chance to experiment with all the different roles required to put on a performance. At the end of the course you will perform your fantastic opera for family and friends.

YEMUS 417-001

MTWThF, Jun 18-22 • 9 AM-12 PM
LOCATION: Campus • SLC
FEE: \$145 + \$25 special fee



IMPROV: LIVE AND UNREHEARSED (AGE 11-13)

Think fast and act on your feet! Using classical acting techniques to better your public speaking, listening, and critical thinking skills, improv teaches the importance of trust and confidence in any situation, given a moment's notice. Within seconds, improv can create entire scenes and stories where each team member supports each other and the results are always unexpected.

YEART 360-001

MTWThF, Jun 25-29 • 9 AM-12 PM
LOCATION: Campus • SLC
FEE: \$110 + \$10 special fee

VOCAL TRAINING STUDIO (AGE 12-14)

Getting ready for an audition?
Want to increase your confidence and technical ability in your singing?
This class is designed for anyone who has some experience performing and wants to take their study of singing even further. Work on expression and vocal technique. Learn about the psychology of performance. Become the character and learn to portray different personalities in each piece. Fine-tune your work during the week, receive personalized instruction, and then participate in a recital on the final day of class.

NOTE: *Students will work on a song of their choosing as well as another chosen by the instructor. Please bring a song (including sheet music) you would like to polish or learn to the first day of class. Instructor will assign both pieces for students who do not bring any on the first day.*

YEMUS 419-001

MTWThF, Jul 16-20 • 9 AM-12 PM
LOCATION: Campus • SLC
FEE: \$120 + \$25 special fee



YOUNG WRITERS WORKSHOP pg.14

WRITING



GETTING READY FOR JUNIOR HIGH (AGE 9-11)

Get all the tech-savvy tools you need to handle the extra demands of junior high or middle school and on into high school. Learn how to write, format, and proof your papers in Word and turn in professional looking essays and papers. Create stunning PowerPoint presentations to liven up your oral presentations. Use Excel's chart and graph making features for science and math classes. We'll also cover better methods for finding the research you need on the Internet, including how to access the invisible web of academic libraries and government research databases.

YETEC 200-001

MTWThF, Jun 25-29 • 9 AM-12 PM
LOCATION: Campus • SLC
FEE: \$135 + \$10 special fee

YOUNG WRITERS WORKSHOP (AGE 12-14)

This workshop is for the student who wants to improve his or her academic writing skills and will cover all types of writing, from creative to expository and everything in between! We will incorporate individual as well as group exercises to foster a balanced learning environment. Students will practice foundational skills, engage in creative and persuasive writing exercises, and stretch their boundaries in new ways to find and express their voice! Co-sponsored with Higher Ground Learning.

YELAN 52-001

MTWThF, Jul 9-13 • 1-3:30 PM
LOCATION: Higher Ground Learning,
380 W Pierpont Ave • SLC
FEE: \$125 + \$50 special fee



WRITING FOR COMICS (AGE 11-14)

Do you love the world of modern comic books and films? Develop your writing skills and adapt your creative talents to the thrilling comic book medium. Explore your interest in picture books, novellas, and comic strips in a course designed to chronicle the literature of American comics. You will also delve into the world of comic book writing and illustration while focusing on specific story-writing and image creation techniques.

YELAN 150-001

MTWThF, Jun 25-29 • 9 AM-12 PM
LOCATION: Campus • SLC
FEE: \$110 + \$25 special fee



WRITING FOR NOVELS, TELEVISION, AND FILM (AGE 12-14)

Take a story or an idea and develop it into a movie, play, or even a graphic novel! Learn the format and structure of writing for the entertainment industry. Discover the techniques and formulas used from stand-up and storytelling to the pages of comics, novels and movies. Analyze effective scripts and dialogue of existing works, then produce a variety of your own scripts, from wordless scenes to longer, fully structured narratives. Critique your peers' works, then use their feedback and that of a professional writer to create an amazing script!

YELAN 160-001

MTWThF, Jul 16-20 • 9 AM-12 PM
LOCATION: Campus • SLC
FEE: \$110 + \$25 special fee



STUDY AND TEST-TAKING SKILLS: MIDDLE SCHOOL (AGE 11-13)

Looking to fine-tune your study skills, acquire cutting-edge test taking techniques, and develop an academic edge that will prepare you for harder classes and high school? Addressing all learning styles, this workshop offers a highly innovative curriculum that will show students how to be successful in the classroom and throughout their academic journey. Dynamic group exercises are incorporated to develop classroom etiquette and to teach the importance of teamwork in academics. Co-sponsored with Higher Ground Learning.

YEHS 731-001

MTThF, Jul 2-6 • 10 AM-12 PM

LOCATION: Higher Ground Learning,
380 W Pierpont Ave • SLC

FEE: \$105 + \$55 special fee

NOTE: *No class on Wednesday, July 4.*

LANGUAGE

CHINESE IMMERSION CAMP (2ND-9TH GRADE)

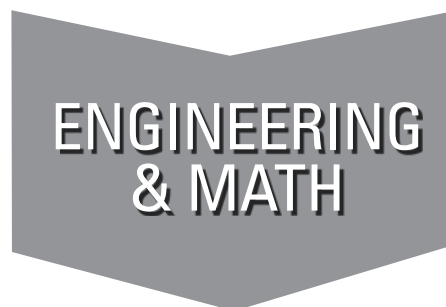
Immerse yourself in Chinese literacy and culture during this one-week camp designed specifically for Chinese Immersion students. Practice using the language you've spent all year learning. Spend half of each class warming up your language skills and enhancing your Chinese literacy. The play games, try food, and learn about Chinese culture through fun, hands-on activities that bring the language to life! Don't miss this chance to jump-start your language skills before you head back to school. Co-sponsored with Confucius Institute.

NOTE: *For students enrolled in Chinese Immersion programs in their school. Students should enroll in the grade they are going into.*

YELAN 201, 202, 203, 204, 205

MTWThF, Jul 30-Aug 3 • 9 AM-12 PM

LOCATION: Section 001: South Jordan,
002: Orem, 003: Cottonwood Heights,
004: Davis County, 005: Brigham City
FEE: \$95 + \$30 special fee



ENGINEERING



CREATIVE CONSTRUCTION: ART AND ENGINEERING (AGE 11-13)

Join us on a creative voyage where you will experiment with art and engineering! Explore flight, movement, and structural engineering using found materials and creatively reusing them to construct and launch hot air balloons, build and race junk-mobiles, and design sturdy bridges from weak and wobbly components!

YESCI 490-001

MTThF, Jul 2-6 • 1-4 PM

LOCATION: Campus • SLC

FEE: \$110 + \$20 special fee

NOTE: *No class on Wednesday, July 4.*



ENGINEERING ELECTRIFIED (AGE 8-10)

Attention! Builders wanted! Get ready to unleash your electric side in this hands-on camp about engineering designs. Design and build different models using various types of electronics and contraptions. Experiment with circuits, LEDs, potentiometers, the photoelectric effect, multiple sensors, tilts, motors and more! Co-Sponsored with Learning Through Robotics.

YESCI 195-001

MTWThF, Jun 25-29 • 9 AM-12 PM

LOCATION: Campus • SLC

FEE: \$150 + \$55 special fee

YESCI 195-002

MTWThF, Jul 16-20 • 1-4 PM

LOCATION: 10011 Centennial Pkwy
#100 • Sandy

FEE: \$150 + \$55 special fee



RECYCLED CITY (AGE 11-13)

Never refuse to reuse. Work together to design, draw, and construct an ideal city out of so-called garbage, while learning what happens to your trash and other ways to turn it into something new.

YESCI 260-001

MTWThF, Jul 30-Aug 3 • 9 AM-12 PM

LOCATION: Campus • SLC

FEE: \$120 + \$30 special fee

ENGINEERING MATTERS (AGE 11-13)

Have you ever pulled something apart to see how it works just to put it back together? Then you have a future as an engineer! Join us as we learn all about engineering as a career. You may program a robot, learn chemical safety, explore aerodynamics,



ENGINEERING MATTERS pg.15

build a model bridge or use computer-aided design. Meet professional and student engineers and participate in hands-on engineering activities.

YESCI 495-001

MTWThF, Aug 13-17 • 1-4 PM

LOCATION: Campus • SLC

FEE: \$125 + \$25 special fee



TOY CLINIC (AGE 8-10)

Quick! We need 4cc's of stuffing – stat! Join us in this toy-tastic workshop where you will learn the science behind toys. Use kits and microcontrollers to learn how each toy works with motors and sensors. Then, combine your engineering, designing, and programming skills to try to repair and revive old toys. You'll even put your new skills to the test by creating a couple simple toys of your own! Co-sponsored with Learning Through Robotics.

YESCI 270-001

WThF, Jul 25-27 • 9 AM-2:00 PM

LOCATION: Campus • SLC

FEE: \$150 + \$55 special fee

NOTE: *No class on Monday, July 23 or Tuesday, July 24. Students are encouraged, but not required to bring a broken toy from home.*



Revive a Broken Toy

ENGINEERING & MATH



Construct a City



Compete in FLL® Challenges

Featured Camps: CREATIVE CONSTRUCTION:
ART AND ENGINEERING (pg.15), RECYCLED CITY (pg.15), TOY CLINIC (pg.15),
JUNIOR ANIMATION (pg.18), GEAR UP FOR LEGO® LEAGUE (pg.18)

ROBOTICS

ADVENTURES IN ROBOTICS: INTRODUCTION (AGE 6-8)

Explore basic robotics and programming using LEGO's WeDo Construction kits. Learn basic STEM concepts and apply that knowledge to your creativity as you build with motors, gears, pulleys, and sensors. Use pictorial-based programming to add another element to your ingenuity in this unique and interactive class that brings those LEGO bricks to life! Co-sponsored with Learning Through Robotics.

YESCI 523-001

MTWThF, Jun 11-15 • 9 AM-12 PM
LOCATION: Campus • SLC
FEE: \$150 + \$55 special fee

YESCI 523-002

MTWThF, Jun 18-22 • 9 AM-12 PM
LOCATION: 10011 Centennial Pkwy
#100 • Sandy
FEE: \$150 + \$55 special fee

ADVENTURES IN ROBOTICS: DESIGN & PROGRAMMING (AGE 6-8)

Young robotics enthusiasts, continue fueling your passion this summer! Using hands-on building material and basic programming, engage your creativity in a new way as you enhance your crazy contraptions with motors, gears, belts, pulleys, and sensors! Learn new programming skills with the help of pictorial-based programming and educational software to make your creations come to life! Co-Sponsored with Learning Through Robotics.

YESCI 530-001

MTWThF, Jul 9-13 • 9 AM-12 PM
LOCATION: Campus • SLC
FEE: \$150 + \$55 special fee

YESCI 530-002

MTWThF, Jul 30-Aug 3 • 9 AM-12 PM
LOCATION: 10011 Centennial Pkwy
#100 • Sandy
FEE: \$150 + \$55 special fee

ADVENTURES IN ROBOTICS: ENGINEERING & PROBLEM SOLVING (AGE 6-8)

Level-up your robo-skills! Now that you have a foundation in building and programming your creative ideas into robotic realities; it is time to sharpen those skills and add the final touches. In addition to using WeDo LEGO's, you'll have access to another construction kit to modify previous contraptions or build brand new ones. Either way, you'll be guided by seasoned veterans as your journey continues, using new tools, software, and taking on daunting (but fun) interactive problem solving games! Let your inner programmer truly awaken this summer!

YESCI 531-001

MTWThF, Aug 13-17 • 9 AM-12 PM
LOCATION: Campus • SLC
FEE: \$150 + \$55 special fee

ROBOTICS: INTRODUCTION (AGE 9-11)

Get excited about robotics with this unique camp designed for students with no experience in robotics or programming. Using hands-on building material and basic programming, students will discover the world of robotics through interactive learning with Mindstorm EV3 Robots. Assemble mini-robots using a microcontroller, multiple sensors, and servo motors. Tell the robot what to do by programming commands using EV3-G programming language. After mastering the basics of building and programming robots in this action-packed camp, continue on your robotic journey with our Programming and Sensors and Engineering and Advanced Programming camps! Co-sponsored with Learning Through Robotics.

YESCI 526-001

MTWThF, Jun 11-15 • 1-4 PM
LOCATION: Campus • SLC
FEE: \$150 + \$55 special fee

YESCI 526-002

MTWThF, Jun 18-22 • 1-4 PM
LOCATION: 10011 Centennial Pkwy
#100 • Sandy
FEE: \$150 + \$55 special fee

ROBOTICS: PROGRAMMING & SENSORS (AGE 9-11)

Design and build more intricate Mindstorm EV3 Robots capable of carrying out more complex tasks in this next level Robotics camps. Explore more advanced tasks and programming as you further your knowledge and skills in robotics and problem-solving in a fun-filled,

hands-on environment. Test your mettle as you send your ever-evolving robots with improved EV3-G programming abilities to overcome formidable obstacle courses and battle other robots in exciting class competitions! Co-Sponsored with Learning Through Robotics.

YESCI 535-001

MTWThF, Jul 9-13 • 1-4 PM
LOCATION: Campus • SLC
FEE: \$150 + \$55 special fee

YESCI 535-002

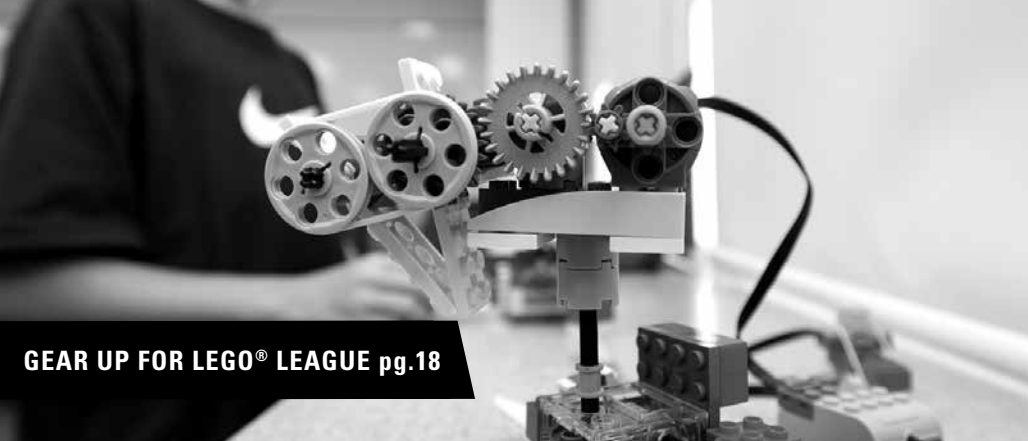
MTWThF, Jul 30-Aug 3 • 1-4 PM
LOCATION: 10011 Centennial Pkwy
#100 • Sandy
FEE: \$150 + \$55 special fee

ROBOTICS: ENGINEERING & ADVANCED PROGRAMMING (AGE 9-11)

Expand your STEM knowledge and skills in Robotics 3 and carry out even more complex robot tasks. Improve your programming skills learning to use "data hubs", "sequences", "math blocks", and basics of "variables". Apply the concepts in class while challenging your creativity and ingenuity by tackling fun-but-challenging multi-tasks. This camp is designed to assist advanced students in continuing to develop and refine their understanding and abilities in robotics. Co-sponsored with Learning Through Robotics.

YESCI 536-001

MTWThF, Aug 13-17 • 1-4 PM
LOCATION: Campus • SLC
FEE: \$150 + \$55 special fee



GEAR UP FOR LEGO® LEAGUE pg.18

JUNIOR ROBOTICS WITH SCRATCH (AGE 8-10)

Join us this summer to discover the incredible world of robotics! Roll up your sleeves and unleash your creativity in this class designed for students with no previous experience in robotics but who have basic knowledge of Scratch programming. Using the basics of Scratch, dive in to robotics technology as you learn how to use motors, gears, pulleys, sensors, and more. Have fun working through new programming methods to make those motors, gears, and sensors do cool things. We'll provide the gear, you provide the brains, and the rest, as they say, is...robotics! Co-Sponsored with Learning Through Robotics. NOTE: *Students must know how to make a very simple scratch program (or equivalent) on their own prior to registering for this class.*

YESCI 529-001

MTWThF, Jul 9-13 • 9 AM-12 PM
LOCATION: Campus • SLC
FEE: \$150 + \$55 special fee

YESCI 529-002

MTWThF, Aug 6-10 • 9 AM-12 PM
LOCATION: 10011 Centennial Pkwy #100 • Sandy
FEE: \$150 + \$55 special fee

GIRLS ROCK ROBOTICS (AGE 9-11)

Round up your STEM pals for this awesome camp designed for students with no experience in robotics or programming. Harness all your brain power while discovering the world of robotics through interactive learning with Mindstorm EV3 Robots. Using hands-on building material and basic programming, assemble mini-robots using a microcontroller, multiple sensors, and servo motors. Tell the robot what to do by programming commands using EV3-G programming language. After mastering the basics of building and programming robots in this action-packed camp, continue on your robotic journey with Girls Rock Robotics 2 and Robotics: Engineering & Advanced Programming. Co-sponsored with Learning Through Robotics. NOTE: *This class is designed for girls with interest in STEM areas.*

YESCI 532-001

MTWThF, Jun 11-15 • 9 AM-12 PM
LOCATION: Campus • SLC
FEE: \$150 + \$55 special fee

YESCI 532-002

MTWThF, Jul 9-13 • 1-4 PM
LOCATION: Campus • SLC
FEE: \$150 + \$55 special fee

YESCI 532-003

MTWThF, Jul 16-20 • 9 AM-12 PM
LOCATION: 10011 Centennial Pkwy #100 • Sandy
FEE: \$150 + \$55 special fee

JUNIOR ANIMATION (AGE 7-9)

Bring your imagination to life in this introduction to animation class. Write, produce, and direct a short stop-motion film using your own images, text, shapes, and set design. Learn how to record audio sound effects and import music to make your creations truly unique! The end product will be a short film that will wow friends and family. No prior experience necessary. Co-Sponsored with Learning Through Robotics.

YESCI 533-001

MTWThF, Jun 25-29 • 1-4 PM
LOCATION: Campus • SLC
FEE: \$150 + \$55 special fee

YESCI 533-002

MTWThF, Aug 6-10 • 1-4 PM
LOCATION: 10011 Centennial Pkwy #100 • Sandy
FEE: \$150 + \$55 special fee

VEX ROBOTICS (AGE 11-13)

Inanimate objects got you vexed? Rev up your summer with robotics! Learn to build and program Vex Robots. Using VEX robotics platforms, experiment with gyro sensors,

distance sensors, color sensors, and microcontrollers. No prior experience is necessary, so you can jump right in! Build and program with guidance from experienced instructors. This is the perfect class for students wanting to expand beyond Mindstorm robots or who are interested in national Vex robotics competitions, such as FIRST Tech Challenge (FTC). Co-sponsored with Learning Through Robotics.

YESCI 540-001

MTWThF, Jun 11-15 • 1-4 PM
LOCATION: Campus • SLC
FEE: \$150 + \$55 special fee

GEAR UP FOR FIRST LEGO® LEAGUE (AGE 9-11 AND AGE 12-14)

Gear up and get inspired in this fast-paced robotics class! Learn how to code, program, and accomplish FIRST LEGO® League challenges using Mindstorm EV3 Robots. You will even practice lessons designed to help understand FIRST LEGO® League Robot Games on a 4' X 8' mat! At Camp K, play games and test your skills on the low ropes course, all the while developing skills like teamwork, adaptability, and flexibility to prepare you for competition! Co-sponsored with Camp Kostopulos and Learning Through Robotics. NOTE: *No class on Wednesday, July 4. Drop off/Pick up will be at the U of U, exact location TBD. Lunch is not provided.*

YETEC 612-001 (Age 9-11)

MTThF, Jul 2-6 • 9 AM-3 PM
LOCATION: Campus • SLC
FEE: \$310 + \$80 special fee

YETEC 613-001 (Age 12-14)

MTThF, Jul 2-6 • 9 AM-3 PM
LOCATION: Campus • SLC
FEE: \$310 + \$80 special fee

MATH

MAD ABOUT MATH: BRIDGING MATH TO ALGEBRA (AGE 11-13)

Get excited about algebra while you learn basic concepts in a fun and engaging way! Become familiar with and comfortable using beginning algebra skills you will need to succeed in junior high. Learn how to move from concrete to abstract thinking skills and understand algebra in a way you never thought possible.

YESCI 100-001

MTWThF, Aug 6-10 • 9 AM-12 PM
LOCATION: Campus • SLC
FEE: \$110 + \$10 special fee

MAD ABOUT MATH: ALGEBRA PLUS (AGE 12-14)

Get excited about math and its endless possibilities! Stretch your understanding of algebra in a supportive environment. Learn to understand concepts and then move at a fast pace. Hone your algebra skills using logic problems in addition to learning how to master and manipulate equations. Curriculum corresponds to local school district programming.

YESCI 101-001

MTWThF, Aug 6-10 • 1-4 PM
LOCATION: Campus • SLC
FEE: \$110 + \$10 special fee

SPORTS, RECREATION, & LEISURE

COOKING AND BAKING

MARCO POLO'S SECRET COOKBOOK (AGE 11-13)

Taste the food from across the seven seas. Learn about international cuisines in a hands-on journey around the world. We'll explore the basics, such as measuring, knife skills, and cooking methods. At the end of class, we will devour our creations!

NOTE: *If you have food allergies, please be aware that Youth Education does not guarantee an allergen-free environment. Recipes may contain nuts, nut oils, shellfish, dairy, produce and/or other food allergens. Contact us with any questions at 801-581-6984.*

YEEMT 11-001

MWThF, Jul 23-27 • 1-4 PM
LOCATION: Campus • SLC
FEE: \$120 + \$70 special fee
NOTE: *No class on Tuesday, July 24.*

COOKING MAGIC: TOOLS AND TECHNIQUES (AGE 11-13)

Become a cooking wizard and learn about gadgets and devices, pots and pans, along with the tools, toys, and tricks of the trade. This hands-on cooking class will examine the necessities and 'nice to have' stuff

people have devised to make cooking easier and more fun. Create and eat yummy snacks, fruit and vegetable garnishes, pasta and egg dishes, and much more.

NOTE: *If you have food allergies, please be aware that Youth Education does not guarantee an allergen-free environment. Recipes may contain nuts, nut oils, shellfish, dairy, produce and/or other food allergens. Contact us with any questions at 801-581-6984.*

YEEMT 15-001

MTWThF, Jun 25-29 • 1-4 PM
LOCATION: Campus • SLC
FEE: \$150 + \$85 special fee

BUILD A BETTER BREAKFAST (AGE 11-13)

Breakfast is the best way to start or end any day. Learn basic cooking and knife skills while whipping up your morning favorites like cinnamon pull-aparts, eggs four ways, and specialty smoothies in this breakfast fueled camp!

NOTE: *If you have food allergies, please be aware that Youth Education does not guarantee an allergen-free environment. Recipes may contain nuts, nut oils, shellfish, dairy, produce and/or other food allergens. Contact us with any questions at 801-581-6984.*

YEEMT 88-001

MTWThF, Jun 25-29 • 9 AM-12 PM
LOCATION: Campus • SLC
FEE: \$150 + \$85 special fee

CHEF IN THE MAKING: MASTERING THE BASICS (AGE 8-10)

Do you dream of becoming the next master chef? Explore kitchen basics and discover how to identify, measure, and prepare ingredients in common recipes in this beginners' cooking class. Learn basic knife skills all the while experimenting with different foods and techniques to create delicious appetizers, main courses, and desserts. By the end of the week, you will be a master sous chef and one step closer to conquering the kitchen!

NOTE: *If you have food allergies, please be aware that Youth Education does not guarantee an allergen-free environment. Recipes may contain nuts, nut oils, shellfish, dairy, produce and/or other food allergens. Contact us with any questions at 801-581-6984.*

YEEMT 86-001

MTWThF, Jul 16-20 • 1-4 PM
LOCATION: Campus • SLC
FEE: \$150 + \$85 special fee



**CHEF IN THE MAKING:
MASTERING THE BASICS pg.19**

SPORTS, RECREATION, & LEISURE

Trek Through
the Wasatch



Face your
Opponent



Catch 'em all!



Featured Camps: BUILD A BETTER BREAKFAST (pg.19), POKÉMON™ CARD
GAME BOOTCAMP (pg.22), BEGINNING FENCING (pg.22), OUTDOOR DISCOVERY:
SAFETY AND SURVIVAL (pg.23), JUNIOR EXPLORERS (pg.23)

BOARD GAMING

HISTORY THROUGH BOARD GAMING: KNIGHTS OF THE AIR - DOGFIGHTS OF WWI (AGE 9-14)

It's all about chivalry in the skies, in this course on air-to-air combat in World War I. Wings of Glory™ is an easy, fun-to-play, fast and furious tabletop game that simulates WWI planes with very different flight maneuver capabilities and firepower. Even if you don't become an ace during the week, you'll sure have a great time trying. Archival background material will be presented while playing, to enhance students understanding of the historical context and enjoyment of the game. Co-sponsored with Game Night Games.

YEEMT 78-001

MTWThF, Jun 11-15 • 9 AM-12 PM
LOCATION: Game Night Games,
2148 S 900 E # 2 • SLC
FEE: \$130 + \$50 special fee
NOTE: *Special fee includes two Wings of Glory™ planes.*



HISTORY THROUGH BOARD GAMING: WORLD WAR II IN THE PACIFIC (AGE 9-14)

Based on the operations of the Asiatic-Pacific Theater, where U.S. and British forces fought an island-hopping campaign against Imperial Japan, Memoir '44™, and the Pacific Theater Expansion, is an easy-to-learn board game. Learn how to command infantry, tanks, and artillery while making use of defensive terrain to accomplish their objectives in each featured battle from Wake Island to Okinawa. Whether you are already familiar with or new to

Memoir '44, this History Through Board Gaming class is for you! Co-sponsored with Game Night Games.
NOTE: *If possible, students should bring their own copy of Memoir '44™ (base game) for camp.*

YEEMT 126-001

MTWThF, Jul 9-13 • 9 AM-12 PM
LOCATION: Game Night Games,
2148 S 900 E # 2 • SLC
FEE: \$130 + \$85 special fee
NOTE: *Special fee includes copies of both Memoir '44™ and Memoir '44™: Pacific Theater Expansion with a \$45 store credit if the student already owns the game.*

HISTORY THROUGH BOARD GAMING: WORLD WAR I IN THE TRENCHES (AGE 9-14)

Focusing on the decisive campaigns and land battles of "The War to End all Wars," the introductory-level wargame The Great War™ presents an overview of World War I and the history behind its key campaigns. Similar to Memoir '44™, The Great War™ brings the epic battles of WWI to the table and teaches why crossing into the infamous "No Man's Land" was so costly for the combatants. The WWI battles will be depicted through game scenarios using historical deployment of forces (infantry, artillery, fortifications), as well as key terrain features that impacted the outcomes of each battle. The course allows students to explore the strategy and tactics of early 20th century warfare in an immersive, interactive and educational way. Co-sponsored with Game Night Games.

YEEMT 124-001

MTWThF, Jun 18-22 • 9 AM-12 PM
LOCATION: Game Night Games,
2148 S 900 E # 2 • SLC
FEE: \$130 + \$70 special fee
NOTE: *Special Fee includes a copy of The Great War™ game.*



HISTORY THROUGH BOARD GAMING: THE AMERICAN REVOLUTION (AGE 9-14)

This course presents a historical overview of the revolt against British rule that would forever change the course of history. Based on the original board game Command & Colors, key battles of the American Revolution will be explored in depth using Command & Colors: Tricorne, which introduces many new game concepts. Students will get the opportunity to recreate famous War of Independence battles such as Bunker Hill and Monmouth. The course includes equal parts of both history and board gaming fun – a truly revolutionary experience! Co-sponsored with Game Night Games.

YEEMT 127-001

MTThF, Jul 2-6 • 9 AM-1 PM
LOCATION: Game Night Games,
2148 S 900 E # 2 • SLC
FEE: \$130 + \$80 special fee
NOTE: *No class on Wednesday, July 4. Special fee includes a copy of Commands & Colors: Tricorne.*

SUPERHEROES VS. SUPERVILLAINS: GAMES IN THE WORLD OF COMICS (AGE 9-14)

Step into the world of the Marvel® & DC Comics™ with two amazingly fun, award-winning games. Heroclix™ is a tabletop miniatures game using incredibly detailed figures of famous comic characters, each with special abilities. Dice Masters™ is a collectible, dice-building game where players build a team of 8 superheroes and supervillains, and battle against another team. Students will enjoy the fantastic cast of bigger-than-life characters that comics and movies have brought into the cultural mainstream. The games taught will feature both individual and team play. Co-sponsored with Game Night Games.

YEEMT 90-001

MTWThF, Jun 25-29 • 9 AM-12 PM
LOCATION: Game Night Games,
2148 S 900 E # 2 • SLC
FEE: \$130 + \$50 special fee
NOTE: *Special fee includes a copy of the Heroclix™ figures and Dice Masters™ starter pack.*

HISTORY THROUGH BOARD GAMING pg. 12



POKÉMON™ CARD GAME BOOTCAMP (AGE 8-11)

Learn the basic rules and strategies of Pokémon™ Trading Cards, a collectible card game based on the Japanese anime that has become an international sensation. Each Pokémon™ card represents a different creature and you will battle them against another opponent. The first player to defeat six opposing Pokémon™ wins the game. Students will emerge from the class with new skills they didn't think possible, and ready to battle family and friends with their new Pokemon prowess. Co-sponsored with Game Night Games.

YEEMT 123-001

MTWThF, Jul 30-Aug 3 • 9 AM-12 PM

LOCATION: Game Night Games,
2148 S 900 E # 2 • SLC

FEE: \$130 + \$50 special fee

NOTE: *Special fee includes all the Pokémon™ Trading Cards needed for the course.*



COOPERATIVE BOARD GAMES: PLAYERS VS. THE GAME (AGE 9-14)

Join the new trend in board gaming: cooperative games, where a group of players are pitted against the game itself. Players work together as a team to achieve victory, winning or losing as a group. Cooperative games emphasize teamwork over competition. In one of the most popular co-op games, PANDEMIC™, players act as scientists (each with special abilities) attempting to eradicate different strains of deadly

viruses. This course will give students a chance to work together harmoniously (or not) in a joint attempt to beat the game. It's all for one and one for all in this course. Co-sponsored with Game Night Games.

YEEMT 130-001

MTWThF, Aug 13-17 • 9 AM-12 PM

LOCATION: Game Night Games,
2148 S 900 E # 2 • SLC

FEE: \$130 + \$60 special fee

NOTE: *Special fee includes a copy of the game PANDEMIC™.*

MAGIC: THE GATHERING™ BOOTCAMP (AGE 9-14)

Mighty mages cast powerful spells and summon mythical creatures in this beautifully illustrated, elaborately designed, strategy card game.

This course is geared toward newer players, who will learn the basics of assembling a commanding deck of cards before the game begins, and the decisions you make based on the cards that you have. Magic the Gathering™ is a surprisingly deep, fast, fun and challenging game for all ages. After completing the course, students will be ready to join the vast community of players who participate in weekly organized competitions all over the world. Co-sponsored with Game Night Games.

YEEMT 77-001

MWThF, Jul 23-27 • 9 AM-1 PM

LOCATION: Game Night Games,
2148 S 900 E # 2 • SLC

FEE: \$130 + \$50 special fee

NOTE: *No class on Tuesday, July 24. Special Fee includes all the MTG™ cards needed for the course.*



**OUTDOOR DISCOVERY:
ALL-INCLUSIVE ADVENTURE pg. 23**

SPORTS AND OUTDOOR RECREATION

BEGINNING FENCING (AGE 8-14)

Get your pulse racing with the martial art made famous by Jack Sparrow, Zorro, and even Yoda. Cut to the chase and learn about foils, basic footwork, and attacking skills. Discover defensive moves and how to trick your opponent by fencing with master teachers.

NOTE: *Please bring a water bottle and wear comfortable clothes and athletic shoes. All protective gear and equipment is provided.*

YESPR 7-001

MTWThF, Jun 11-15 • 10 AM-12 PM

LOCATION: Campus • SLC

FEE: \$110 + \$35 special fee

YESPR 7-002

MTWThF, Jul 16-20 • 10 AM-12 PM

LOCATION: Campus • SLC

FEE: \$110 + \$35 special fee

YESPR 7-003

MTWThF, Aug 6-10 • 10 AM-12 PM

LOCATION: Campus • SLC

FEE: \$110 + \$35 special fee

OUTDOOR DISCOVERY: EXPLORATION AND ORIENTEERING (AGE 9-11 & AGE 12-14)

Gain a new perspective of the world! Discover the art of navigation and outdoor travel while hiking in the beautiful Wasatch Mountains.

Learn skills such as position locating, map interpretation, and compass orientation. Then, you will hike several trails where you can practice your new navigational skills!

Along the way you will learn about the local landscape and Leave No Trace principles. This is a hands-on experience full of excitement and exploration! Co-sponsored with Mountain Education Development. NOTE: *Participants will first meet on the U of U campus and will then meet at a different trailhead along the Wasatch each day. Parents are responsible for dropping off and picking up students at the trailhead on the following days: Tuesday, Wednesday, Thursday, and Friday. Directions for drop off/pick up and packing list will be emailed out a week prior to the start of class.*

YESPR 300-001 (Age 9-11)

MTWThF, Jul 16-20 • 9 AM-12 PM

LOCATION: Campus • SLC

FEE: \$135 + \$35 special fee

YESPR 304-001 (Age 12-14)

MTWThF, Jun 11-15 • 9 AM-12 PM

LOCATION: Campus • SLC

FEE: \$135 + \$35 special fee

OUTDOOR DISCOVERY: SAFETY AND SURVIVAL (AGE 9-11 & AGE 12-14)

Do you have what it takes to survive in the wild? Discover fire-starting techniques, learn how to identify edible plants, and build a shelter to protect you from the elements. Learn how to create an emergency action plan and become familiar with first aid supplies and techniques. You will also explore the beautiful Wasatch Mountains and practice Leave No Trace principles. Get lost in all of the fun and test your survival skills in this action packed class! Co-sponsored with Mountain Education Development.

NOTE: *Participants will first meet on the U of U campus and will then meet at a different trailhead along the Wasatch each day. Parents are responsible for dropping off and picking up students at the trailhead on the following days: Tuesday, Thursday, and Friday. Directions for drop off/pick up and packing list will be emailed out a week prior to the start of class. Lunch is not provided.*

YESPR 301-001 (Age 9-11)

MTWThF, Jun 18-22 • 9 AM-3 PM

LOCATION: Campus • SLC

FEE: \$270 + \$95 special fee

YESPR 305-001 (Age 12-14)

MTWThF, Jul 9-13 • 9 AM-3 PM

LOCATION: Campus • SLC

FEE: \$270 + \$95 special fee

**OUTDOOR DISCOVERY: JUNIOR EXPLORERS (AGE 8-10)**

Go wild in this nature fueled camp! Explore a new trail each day while learning plant and animal identification, outdoor adventure skills, and Leave No Trace principles. With the Wasatch mountains right outside your door, you're sure to end every day excited and ready for your next adventure. Co-sponsored with Mountain Education Development.

NOTE: *Participants will first meet on the U of U campus and will then meet at a different trailhead along the Wasatch each day. Parents are responsible for dropping off and picking up students at the trailhead on the following days: Thursday and Friday. Directions for drop off/pick up and packing list will be emailed out a week prior to the start of class. Lunch is not provided.*

YESPR 307-001

WThF, Jul 25-27 • 9 AM-3 PM

LOCATION: Campus • SLC

FEE: \$150 + \$75 special fee

NOTE: *No class on Monday, July 23 or Tuesday, July 24.*

**OUTDOOR DISCOVERY: EXPLORATION AND ORIENTEERING pg. 22****OUTDOOR DISCOVERY:****ALL-INCLUSIVE ADVENTURE (AGE 11-13)**

Join the ultimate adventure!

Experience a new outdoor pursuit like hiking, canoeing, and rock climbing each day of the week during this experience. Gain valuable outdoor skills including outdoor cooking, camping, and Leave No Trace principles. Discover your favorite way to recreate in this sampler-style class. Co-sponsored with Mountain Education Development.

NOTE: *Participants will first meet on the U of U campus and will then meet at a different trailhead along the Wasatch each day. Parents are responsible for dropping off and picking up students at the trailhead on the following days: Tuesday, Wednesday, Thursday, and Friday. Directions for drop off/pick up and packing list will be emailed out a week prior to the start of class. Lunch is not provided.*

YESPR 302-001

MTWThF, Jun 25-29 • 9 AM-3 PM

LOCATION: Campus • SLC

FEE: \$360 + \$90 special fee

YOUTH ACADEMY OF EXCELLENCE

ELEMENTARY SCHOOL

YAE: WRITING WIZARDS (AGE 9-11)

Welcome to a week at the YAE school of wizardry and magic, where you'll be trained in the art of writing wizardry! Jump into portraits, turn back time, and wear your invisibility cloaks while practicing magic with your words. Learn from wizard masters how to imagine stories with developed, believable characters from everyday, ordinary moments. Try your hand at poetry, fantasy writing, and personal narratives. Examine your writing through magical writing lenses to discover how to best create powerful story endings. In addition, we'll practice our interpersonal skills by learning how to find the right spell for any situation (in or out of the muggle world), and submitting our work for publication like a professional author. Meet at Platform 9 and 3/4 for the writing wizard's ideal class!

NOTE: *Lunch provided daily.*

YEYAE 9-001

MTWThF, Jul 16-20 • 9 AM-3 PM

LOCATION: Campus • SLC

FEE: \$245 + \$70 special fee

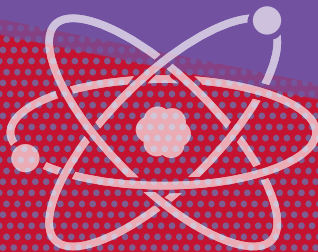
Experiment with
Windmills and
Solar Panels

Test your Own
Invention



YOUTH ACADEMY OF EXCELLENCE

Create a
Masterpiece



Featured Camps: CREATIVE CONNECTIONS: THE ART OF ANGLES (pg.25),
ENGINEERING & SIMPLE MACHINES (pg.25), DA VINCI'S WORKSHOP: ANCIENT INVENTIONS (pg.26),
COMPARATIVE ANATOMY LAB (pg.26), FOR THE RECORD: WRITING A GREAT NEWS STORY (pg.27)

YAE: DISCOVERIES OF ANCIENT EGYPT (AGE 9-11)

Join us for an amazing adventure into an ancient civilization on the Nile as we explore Egypt through hands-on projects. Decipher hieroglyphics and investigate Egyptian myths and legends as well as art and music. Now more than ever, be enchanted and mystified by this fascinating culture that is still reflected in the world today. The instructor traveled to Egypt as a Gifted Delegate with the People to People Ambassador Program.
NOTE: *Lunch provided daily.*

YEYAE 14-001

MTWThF, Jun 11-15 • 9 AM-3 PM
LOCATION: Campus • SLC
FEE: \$230 + \$75 special fee



YAE: CREATIVE CONNECTIONS: THE ART OF ANGLES (AGE 9-11)

Get creative in this artistic problem solving adventure! Explore the intersection of math and art with the magic of fractals with Sierpinski triangles, then use your new triangle skills to build strong, tall towers from flimsy materials you might otherwise think of as trash. You will even build a drawing machine from reusing cardboard to make our tiny sketches larger than life. Co-sponsored with Clever Octopus.
NOTE: *Lunch provided daily.*

YEYAE 40-001

MTWThF, Jun 11-15 • 9 AM-3 PM
LOCATION: Campus • SLC
FEE: \$210 + \$85 special fee

YAE: INVENTION DIMENSION (AGE 9-11)

This week will be filled with wonder and imagination as we discover how inventions have changed the way we interact with our world. We'll discover how successful people make their dreams come true, as well as enjoy the magic that comes with creating your very own invention! This class will be an exciting hands-on adventure for all those who love to use their imaginations.
NOTE: *Lunch provided daily.*

YEYAE 16-001

MTWThF, Jun 18-22 • 9 AM-3 PM
LOCATION: Campus • SLC
FEE: \$230 + \$75 special fee

YAE: WRITING MAGIC FOR THE YOUNG WRITER (AGE 7-9)

Make magic with your words this summer in the perfect course for the young writer. Learn special writing tricks such as how to create sparkling descriptions, memorable characters, and hooks that mystify your reader. Explore different writing genres like poetry and fiction, and find magical writing topics in everyday life. Borrow magic writing secrets from your favorite authors and even learn a real mag25ic trick or two. In this playful course, students are encouraged to develop their writing confidence and 'abracadabra!' leave the week a proud author of your own children's book.

NOTE: *Lunch provided daily. Parents/Guardians are invited to a special magic show and authors' celebration at 2 PM on the final day of class. Students will leave with their own children's book.*

YEYAE 5-001

MTWThF, Jul 9-13 • 9 AM-3 PM
LOCATION: Campus • SLC
FEE: \$245 + \$70 special fee

YAE: BLAST OFF WITH SOLAR ENERGY! (AGE 9-11)

Explore and harness the power of Solar Energy! Learn about alternative energy sources, discover photovoltaic cells, build and cook with a solar oven and learn how to use solar energy to power everyday objects. Join us for a sizzling week of fun with the sun!
NOTE: *Lunch provided daily.*

YEYAE 131-001

MWThF, Jul 23-27 • 9 AM-3 PM
LOCATION: Campus • SLC
FEE: \$200 + \$60 special fee
NOTE: *No class on Tuesday, July 24.*

YAE: INTENSIVE ART ACADEMY (AGE 9-11)

Let your imagination run wild in this study-meets-studio class. Discuss the concepts of design and color theory and art techniques. Find inspiration and improve your own techniques as you study works of other artists from across the world and throughout time. In the studio, experiment with charcoal, watercolor, graphite, pastels, and acrylic paint among other mediums to expand your artistic experience. Present your own masterpieces in the YAE Art Academy exhibit on the final day of class.
NOTE: *Lunch provided daily.*

YEYAE 25-001

MTWThF, Jul 30-Aug 3 • 9 AM-3 PM
LOCATION: Campus • SLC
FEE: \$245 + \$85 special fee

YAE: ENGINEERING & SIMPLE MACHINES (AGE 8-10)

Calling all aspiring scientists, engineers, and designers! Join us in real-world investigations and solutions to our planet's health with a focus on renewable energy. Learn about solar, wind and hydro power and the role machines play in storing and measuring it. Practice using tools like levers, cams, gears and pulleys to build multiple models. Use your model to simulate real-life machines such as sweeping machines, windmills, and power cars to aid in your exploration. Our planet's fate is in your hands in this green-thinking robotics class. Co-sponsored with Learning Through Robotics.
NOTE: *Lunch provided daily.*

YEYAE 180-001

MTWThF, Jun 25-29 • 9 AM-3 PM
LOCATION: Campus • SLC
FEE: \$305 + \$90 special fee



MIDDLE SCHOOL

YAE: DA VINCI'S WORKSHOP: ANCIENT INVENTIONS (AGE 12-14)

Long before computers and cellphones, ancient cultures accomplished amazing feats in science, architecture, urban planning, medicine, and art that allowed humans to build incredible civilizations. Through films, discussions, and field tests of your own inventions, we will recreate some of the greatest inventions of antiquity by the master, Leonardo da Vinci and discover that all you need is a little ingenuity and foresight to change the world!
NOTE: *Lunch provided daily.*

YEYAE 17-001

MTWThF, Jun 11-15 • 9 AM-3 PM
LOCATION: Campus • SLC
FEE: \$230 + \$75 special fee



YAE: ENGINEERING IN ANCIENT CHINA (AGE 12-14)

Step back in time and learn to build using only the knowledge of the ancient Chinese. Using the same scientific and engineering tools as the Chinese used, make and experiment with a compass, paper kites, bridges without mortar, black powder, and launch their own rockets that they made themselves. You will also set your sensors straight with an antique earthquake detector in this hand-on, science-filled class!

NOTE: *Lunch provided daily.*

YEYAE 19-001

MTWThF, Aug 6-10 • 9 AM-3 PM
LOCATION: Campus • SLC
FEE: \$230 + \$75 special fee

YAE: ARTISTS-IN-TRAINING (AGE 12-14)

Join the Utah Museum of Contemporary Art for a unique opportunity to hone your artistry behind the scenes as an Artist-in-Training. Determine the direction of your own art-making and take advantage of the amazing resources at your disposal, such as individual studio space, a variety of materials, studio visits from working professionals, and individualized attention as you work toward your finished product. At the end of the week you'll showcase your work in a special exhibit at the Museum! This experience will guide you as you dive into the creative process, develop your personal

artistic voice, and stay true to your imagination. Co-sponsored with the Utah Museum of Contemporary Art.
NOTE: *Lunch provided daily.*

YEYAE 26-001

MTWThF, Jul 16-20 • 9 AM-3 PM
LOCATION: Utah Museum of Contemporary Art, 20 West Temple • SLC
FEE: \$245 + \$85 special fee

YAE: SEIZE THE STORY - INTENSIVE WRITING FOR TEEN WRITERS (AGE 12-14)

This is it. This is the week where you start (or finally finish) the best story you've written so far. Whether you enjoy writing fiction or nonfiction, in this class you'll join other teen writers in creating a story with moving description, memorable characters, and a 'so what' ending that leaves your readers wanting more. In addition, you'll explore possible writing careers and meet with professional writers. There's a story waiting out there that only you can write. Don't miss your chance to seize the story!
NOTE: *Lunch provided daily.*

YEYAE 212-001

MTWThF, Jun 25-29 • 9 AM-3 PM
LOCATION: Campus • SLC
FEE: \$230 + \$65 special fee



YAE: COMPARATIVE ANATOMY LAB (AGE 12-14)

Take a hands-on, detailed look at the internal and external characteristics of many different animal groups. Examine and dissect preserved specimen of sponge, hydra, jellyfish, starfish, clam, squid, crayfish, grasshopper, earthworm, perch, frog, and shark. Observe live planaria worms, hermit crabs, and fiddler crabs in action. Activities will also include films, microscope work, and field trips to the U of U labs. You even get to take home your very own dissection kit for future studies!
NOTE: *Lunch provided daily.*

YEYAE 158-001

MTWThF, Jul 9-13 • 9 AM-3 PM
LOCATION: Campus • SLC
FEE: \$265 + \$165 special fee

YAE: EXPERIMENTING WITH PHYSICS: GRAVITY & MOTION (AGE 12-14)

What can a simple apple teach us about the universe? Just ask one of the greatest minds in physics, Sir Isaac Newton, and discover the forces he sought to learn and explain. Explore gravity, motion, and friction through hands-on reconstruction of Newton's models to take these forces faster and higher than ever before.
NOTE: *Lunch provided daily.*

YEYAE 18-001

MTWThF, Jul 9-13 • 9 AM-3 PM
LOCATION: Campus • SLC
FEE: \$230 + \$75 special fee



YAE: FOR THE RECORD: WRITING A GREAT NEWS STORY (AGE 12-14)

Extra! Extra! Read all about it! Explore different writing genres, podcasts, and video clips as you delve into the world of news! Learn to write letters to the editor, what constitutes fake news and how to identify it. You will even have the opportunity to practice conducting interviews while you rub shoulders with other young writers. Let your voice be heard in this engaging camp that is hot off the press! NOTE: *Lunch provided daily.*

YEYAE 220-001

MTWThF, Aug 13-17 • 9 AM-3 PM
LOCATION: Campus • SLC
FEE: \$230 + \$65 special fee

YAE: ENGINEERING & SIMPLE MACHINES (AGE 11-13)

Aspiring scientists, engineers, and designers – it is time to level up! Every day you'll build and compete with several complex models. You'll also learn about solar, wind, and hydro power and the role machines play in storing and measuring it. Experiment with real solar panels, windmill energy converters, and air pressure gauge to learn how they work. Practice using tools like levers, cams, gears and pulleys to build multiple models. Then, use your model to simulate real-life machines such as sweeping machines, windmills, and power cars to aid in your exploration. Our planet's fate is in your hands in this green-thinking robotics class. Co-sponsored with Learning Through Robotics. NOTE: *Lunch provided daily.*



MARINE BIOLOGY AND ECOLOGY pg.27

YEYAE 181-001

MTWThF, Aug 13-17 • 9 AM-3 PM
LOCATION: Campus • SLC
FEE: \$305 + \$90 special fee

YAE: MARINE BIOLOGY AND ECOLOGY (AGE 12-14)

Discover the fascinating world of saltwater systems and how organisms adapt to this unique environment. Whether they live in the desert or on the shore, examine the intricate relationships between plants, fish, mammals, humans, and the nonliving components of saltwater ecosystems. You'll also take a trip look at an aquarium, conduct research on the Great Salt Lake, visit the Natural History Museum of Utah, and snorkel with fish at the Bonneville Seabase. NOTE: *Lunch provided daily.*

YEYAE 161-001

MTWThF, Aug 6-10 • 9 AM-3 PM
LOCATION: Campus • SLC
FEE: \$255 + \$155 special fee
NOTE: On *Wednesday, August 8 pick up will be at the Natural History Museum of Utah. On Friday, class is scheduled from 8 AM to 3 PM.*



YAE: COMPETITIVE ROBOT GAMES: OBSTACLE COURSE MAYHEM (AGE 12-14)

Move beyond Mindstorm with a new robotics design, STEM-Du! Investigate Arduino-based robotics and programming to elevate your skills! Get creative as you come up against increasingly difficult obstacle courses and class competitions. But don't worry, you'll add new tools to your arsenal as you overcome the challenges awaiting you. Explore several programs and projects using microcontrollers and multiple sensors while having fun in an innovative environment. NOTE: *Prior programming experience is beneficial, but not essential. Lunch provided daily.*

YEYAE 170-001

MTWThF, Aug 6-10 • 9 AM-3 PM
LOCATION: Campus • SLC
FEE: \$325 + \$90 special fee

YAE: COMPETITIVE ROBOT GAMES: ROBO-SOCCER (AGE 11-13)

You're familiar with FIRST LEGO League, but what about a new spin on robotics competitions? Learn to program a robot to play soccer! Join us this summer for an introduction to the world of Robot Soccer Junior Competition. While you do need to have prior experience with NXT robotics, you will get everything else you need to guide your robot to glory in Robo-Soccer competitions! Using multiple sensors including Infrared and Compass, you'll program your robot to chase an IR electronic ball on a mini-soccer mat. Not only will you learn about state and national robotics competitions while competing in Robo-Soccer, you and your robot will get to train under the guidance of experts in the field of robotics education. Don't miss this week filled with non-stop competitions and excitement! Co-sponsored with Learning Through Robotics. NOTE: *Students must have a basic understanding of NXT Mindstorm robots and NXT programming. Lunch provided daily.*

YEYAE 171-001

MTWThF, Jul 30-Aug 3 • 9 AM-3 PM
LOCATION: Campus • SLC
FEE: \$325 + \$90 special fee

STUDY SKILLS

Register for the following classes at the Reid Clinic, located at 2965 East 3435 South Street, Salt Lake City, UT 84109, or call 801-466-4214. Registrations are not accepted through Youth Education.

READING, SPELLING AND LANGUAGE SKILLS DEVELOPMENT PROGRAM

Students from kindergarten through 12th grade are tested prior to the beginning of summer school and placed in small groups of students based on their reading levels. The students are also tested at the end of the class and a report including pre- and post-test scores and activities completed are mailed to the parents. Reading instruction in the lower reading levels emphasizes sound-symbol relationships and phonics; however, key vocabulary words, comprehension, study skills, and writing are taught in all groups—appropriate to the students' reading levels. Penmanship, spelling, grammar, and proofing skills are also taught. References provided. NOTE: *Tutoring for reading/language instruction is available at \$40 per hour. Times are arranged as desired.*

PRIMARY SKILLS

(First-Third Grade reading levels)

SEC. 51Y-34

MTWHF, Jun 11-29 • 8:30-11 AM

FEE: \$525

SEC. 51Y-35

MTWHF, Jul 6-30 • 8:30-10 AM or 10:30 AM-12 PM

FEE: \$525

NOTE: *July 23 and 24 are holidays*

INTERMEDIATE SKILLS

(Third-Sixth Grade reading levels)

SEC. 51Y-36

MTWHF, June 11-29 • 8:30-11 AM

FEE: \$525

SEC. 51Y-37

MTWHF, Jul 6-30 • 8:30-10 AM or 10:30 AM-12 PM

FEE: \$525

NOTE: *July 23 and 24 are holidays*

SECONDARY SKILLS

(Junior-Senior High School reading levels)

SEC. 51Y-38

MTWHF, June 11-29 • 8:30-11 AM

FEE: \$525

SEC. 51Y-39

MTWHF, July 6-30 • 8:30-10 AM or 10:30 AM-12 PM

FEE: \$525

NOTE: *July 23 and 24 are holidays*



COMPUTER USAGE, KEYBOARDING, READING, AND SPELLING CLASSES (AGES 6-18 AND PARENTS)

Computer keyboarding, typing, reading, and spelling skills are all taught in these classes. Pre- and post-tests allow students to work on needed skills. Students progress at their own rates. Parents are encouraged to join their children in this learning experience without extra charge. IBM PC and compatible computers are used in the instruction.

SEC. 52Y-31

MW, Jun 11-27 • 11:15 AM-12:30 PM

FEE: \$150

SEC. 52Y-32

MW, July 9- 25 • 12:15-1:30 PM

FEE: \$150

MATHEMATICS SKILLS (GRADES K AND OLDER)

Students are pre-tested prior to class time for appropriate placement in math classes. Students are taught the basic mathematics skills for their instructional levels. Basic use of numbers with practical applications is stressed. Students are tested again at the end of the course and reports sent home to parents.

NOTE: *Tutoring for mathematics instruction is available at \$40 per hour. Times are arranged as desired.*

SEC. 53Y-43

TThF, June 12-29 • 11:15 AM - 12:30 PM

FEE: \$270

SEC. 53Y-44

TThF, July 3-20 • 12:15-1:30 PM

FEE: \$270

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Parents Club

Funding Opportunity
and Personal Growth

Parents Club is a donor circle to fund opportunity and personal growth for young people in our community. Donations are used to provide opportunities to students who would not otherwise be able to attend camps and classes.

Thank you for your support!

youth.utah.edu



CLUB U CAMPS CAMPUS VARSITY BREAK CAMPS

Club U provides all day, week-long enriching and inclusive experiences centered around friendship and fun on the University of Utah campus for students 5-17.

For more info visit
clubu.utah.edu or call 801.581.6984

