2019 Kids U Summer Camps

Cultural Academy

Knitting
Introduction to basic knitting knowledge and skills. Learn to make a scarf, dish cloth or coaster.

Grades: 3-8
Dates: June 3-6 and July 8-11
Times: 8:30-11:30 a.m.

Paper Folding
Using just paper, create the world. This thousands years old traditional Chinese art, also known as "origami," which means, "fold paper" in Japanese.

Grades: K-4
Dates: June 3-6 and July 8-11
Times: Noon-3 p.m.

Crochet
Introduction to basic knowledge and skills about crochet. Learn to make a headband, coaster or dish cloth.

Grades: 3-8
Dates: June 10-13 and July 15-18
Times: 8:30-11:30 a.m.

Journey to China
Journey to China with us and explore the sights, sounds and tastes. We will learn some basic Mandarin so we can play and make friends while we create traditional folk-art projects and prepare some Chinese dishes! Bring your curiosity and imagination as your passport, and join the Journey to China!

Grades: K-6
Dates: June 10-13 and July 15-18
Times: Noon-3 p.m.

Book Making
Turn loose pages of paper into a personal journal. Keep it for yourself or give as a gift with a unique touch.

Grades: 1-5
Dates: June 17-20 and July 22-25
Times: 8:30-11:30 a.m.

Simple Jewelry Making
Different is the word. Make something unique. Keep or give it away. What a way to show off!

Grades: 2-5
Dates: June 17-20 and July 22-25
Times: Noon-3 p.m.

Digital Photography

The Wonderful World of Digital Photography
Step into the world of digital photography, a world where magic is created through your lens of the world. This course is designed for beginning photographers. Participants will learn the framework for taking good pictures, capture images in and around the UHCL campus, and leave as photographers with their images captured in an online application for sharing.

Grades: 4-6
Dates: June 3-6 June 17-20 and June 24-27
Times: 8:30-11:30 a.m.

Early Childhood

Sensory Science
Each day children are invited to investigate a collection of sensory play ideas to promote learning. They will be immersed in open-ended creative experiences that involve various aspects of sensory exploration through play. All experiences align with developmentally appropriate practices and are inclusive to children of all abilities.

Grades: Pre-K (age 3-5)
Dates: June 10-13
Times: 8:30-11:30 a.m.

Discovery Through Play
Children will have the opportunity to engage in play and learn through intentional and meaningfully planned experiences. We will focus on

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developing conceptual skills that promote problem solving, 
imagination, and language. All 
experiences align with 
developmental and readiness 
standards. This camp is inclusive 
to children of all abilities. 
**Grades:** Pre-K (age 3-5)  
**Dates:** July 15-18  
**Times:** 8:30-11:30 a.m.

### Literacy Academy

#### Blogging About Books
If you love to read or you want to work on being a strong reader, join us as we read a variety of works from different authors. Every day we will spend time reading independently and working together to analyze and discuss readings that will appeal to everyone. We will also blog and review books using Goodreads so that we can be a part of a great book readers’ community. This class is designed for tweens and young teens. All levels of readers are welcome. Don’t get caught by the summer slump! Read! Read! Read! Read!  
**Grades:** 6-8  
**Dates:** June 3-6  
**Times:** 8:30-11:30 a.m.

#### Between the Lines
Enjoy some favorite mysterious books that make you the detective of your learning.  
**Grades:** 2-3  
**Dates:** June 10-13  
**Times:** 8:30-11:30 a.m.

#### S’More Fun with Reading and Writing
S’mores, camping, reading and writing, oh my! Come join us for s’more fun with reading and writing.  
**Grades:** K-1  
**Dates:** June 17-20  
**Times:** 8:30-11:30 a.m.

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### Climb the Poet Tree

**Each day the poets-in-training will investigate the vast universe of poetry through children’s literature.** After each day, the poets-in-training will investigate the vast universe of poetry through children’s literature. After each investigation, the poets will create their own poetry piece with illustrations. At the end of the camp, the authors will have a finished book of their poetry.  
**Grades:** 2-3  
**Dates:** June 24-27  
**Times:** 8:30-11:30 a.m.

### Rock, Paper, Scissors, Write!

Come ready to play. What goes into a game? This hands-on camp allows students to discover what it takes as they create their own games. **Parents only**! Kids will have so much fun, they won’t even notice the writing enrichment activities included  
**Grades:** 2-3  
**Dates:** July 8-11  
**Times:** 8:30-11:30 a.m.

### Myths, Legends & Me
Seeking adventures, embark on an expedition with us searching for myths and legends. We will discover and develop our own legendary identities as we complete levels within our quest. Of course, to become a legend, we must make sure to record our adventures so others may read our heroic deeds.  
**Grades:** 4-5  
**Dates:** July 8-11  
**Times:** Noon-3 p.m.

### Taking a Walk Down Literature Lane
Come and discover the secrets found in the garden of great books! Join us in this hands-on session where students will create a variety of books modeled after some of the best writers of our time. Each day will consist of whole class reading, discussion, pre-writing, and the creation of a book by each child.  
**Grades:** K-2  
**Dates:** July 15-18  
**Times:** 8:30-11:30 am

### Writing Like an Author
Did you know that most authors keep journals in which they record things they want to write about later? Learn how to notice things around you and develop your creative, descriptive vocabularies, jot down your memories and observations, and use those notes to write your own book. Join the ranks of bona fide authors by starting your own writer's notebook including a personal vocabulary wall.  
**Grades:** K-2  
**Dates:** July 15-18  
**Times:** Noon-3 p.m.

### Puzzle Up Your Writing
Come and enjoy the power of words! Learn to put your ideas together through different writing activities. We will have lots of fun reading and writing.  
**Grades:** K-1  
**Dates:** July 22-25  
**Times:** 8:30-11:30 a.m.

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Travel Through Reading
There is pace for everyone! Come and join us as we embark on a journey through reading. We will explore different books, discuss our adventures and write to share our experiences.

Grades: 2-3
Dates: July 22-25
Times: Noon-3 p.m.

Math Camp

Math Mysteries
I have a problem. Can you solve it? Students will be put to the test using logic and math skills to solve several brain bending problems. Leave this camp equipped with experiments and tricks that will amaze friends and family. Math exploration can be fun, but has it ever been this messy? You decide.

Grades: 4-5
Dates: June 3-6, June 17-20 and July 8-11
Times: Noon-3 p.m.

Science Camp

Junior Mad Scientist Are you MAD about science? Do you want answers for why things happen? Use your scientific brain as you experiment with fun and explosive activities. Learn how to bounce an egg, make a volcano, make an ocean and other things you can’t do at home.

Grades: 2-3
Dates: June 3-6
Times: 8:30 am-11:30 am
Date: June 17-20
Times: Noon-3 pm

Space Rangers
Want to become an astronaut or work for NASA? This is the class for you! Learn all about the solar system, phases of the moon and the amazing things it holds, such as planets, stars, comets.

Grades: 4-5
Dates: June 3-6
Times: 8:30-11:30 am.

CSI: Crime Scene Investigation
Every good mystery solver needs a good forensic scientist. In this class, we will learn about the different ways forensic scientists solve mysteries. You become the detective for the week.

Grades: 4-5
Dates: June 3-6 and June 24-27
Times: Noon-3 p.m.

Up, Up, and Away!
Balloons, rockets and beyond! Learn the aerodynamics of flight. Why can birds fly, but not people? Make a hot air balloon and an egg parachute, shoot off a rocket, and make the perfect paper airplane.

Grades: K-2
Dates: June 3-6
Times: Noon-3 p.m.

Kitchen Chemistry
Playing with your food can be more fun than eating it. What if you could do both? Make your own snack and learn the everyday science behind it. Come ready to learn, play and get messy.

Grades: 2-3
Dates: June 10-13 and June 24-27
Times: 8:30-11:30 am.

Under the Sea
Just look at the world around you, right here on the ocean floor. Come under the sea, where we will explore the abundant life of the ocean. Discover how coral is made and how each animal survives. We will look at the different types of sea life and what makes them unique, including sharks, dolphins, clown fish, squid, stingrays and many more!

Grades: K-1
Dates: June 10-13 and June 24-27
Times: 8:30-11:30 a.m.

Kitchen Concoctions and Commotion
Manipulate the building blocks of the universe to make fun stuff. Learn about acids, bases, indicators, polymers, solutions, suspensions and chemical reactions. Rearrange molecules and atoms to make slime, crystals, ooleck, lava lamps and more. Mad scientists especially welcome!

Grades: 4-5
Dates: June 10-13
Times: Noon-3 p.m.

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Creepy Crawlers
In this class you will learn all about animals that slither, crawl and buzz. We will look at their habitats and go on nature walks to collect some specimens to examine. Leave with your very own insect net that you make!

**Grades:** 2-3  
**Dates:** June 10-13  
**Times:** Noon-3 p.m.

Jurassic Adventures
Do you wish you could walk with the dinosaurs? What if you were a dinosaur? What does an Ankylosaurus, Stegosaurus, T-Rex, Allosaurus have in common? They are all dinosaurs. In this class we will learn all about dinosaurs and reptiles. Find out what they ate, where they lived and so much more. Join us for this class of dinosaur fun!

**Grades:** K-1  
**Dates:** June 17-20  
**Times:** Noon-3 p.m.

Green and Gross Experiments
How do plants grow? Can you grow them in weird ways? Discover the answer to these questions and figure out what organisms eat your leftover lunch and the special powers of fruits and vegetables. Do leaf chromatography, grow your own biofilm, and much more!

**Grades:** 4-5  
**Dates:** June 17-20  
**Times:** 8:30-11:30 a.m.

Probing Science
What is probe ware? How do scientists use probes to collect data? Using probe ware and computers, you will collect and analyze data like a real scientist. Use force and motion sensors, collect temperature and dissolved oxygen readings and compare your findings to others.

**Grades:** 4-5  
**Dates:** June 17-20  
**Times:** 8:30-11:30 a.m.

CSI: UHCL
If there’s a crime on campus, UHCL police are on the scene. How do they solve crimes? When do they know who’s done it? Do you have what it takes to be a member of the UHCL Crime Scene Investigation Team? In this class we will examine a variety of methods forensic scientists solve mysteries.

**Grades:** 5  
**Dates:** June 24-27  
**Times:** Noon-3 p.m.

Wild about Wildlife
In this class you will learn all about animals that live around you. We will explore the different habitats around the UHCL campus and collect some specimens. You will leave with a wildlife habitat photo book that you make! Bring your photographic eye for nature.

**Grades:** 4-5  
**Dates:** July 8-11  
**Times:** 8:30-11:30 a.m.

Machine Head Science
Calling all machine heads. In this course we will make simple machines ranging from a catapult to a racecar to a slingshot! Come see how much making these different machines can be and learn the science behind each! Race your car, test your catapult and take home your simple machines.

**Grades:** 4-5  
**Dates:** July 8-11  
**Times:** 8:30-11:30 a.m.

Our Insect Buddies
Bugs helping people. Explore the benefits of having ladybugs, bees and butterflies in our everyday lives. Let’s look at how they help us daily.

**Grades:** K-1  
**Dates:** July 15-18  
**Times:** Noon-3 p.m.

Space Shuttle Escape Room
Solve puzzles, riddles, problems, and tasks to open locked boxes to “escape” your room. Quests involve space shuttle data analysis, map usage, planetary science and more.

**Grades:** 5-6  
**Date:** July 15-18  
**Times:** 8:30-11:30 a.m.

Digital Escape Room: Storm Chasers Escape Room
Weather breakout! The storm chasers are in danger and need to make it to safety! Can you help them? Four codes must be broken. With the activities in this escape room, students will read about wild weather storms (hurricanes, tornadoes, thunderstorms and blizzards) and answer questions to solve the secret codes. This course promotes critical thinking, problem solving, communication and more.

**Grades:** 5-6  
**Date:** July 15-18  
**Times:** Noon-3 p.m.

Cutting It Up in Science!
What do owls eat? How do chickens move? Does a squid

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real have ink in their body? You will examine different animals and characteristics that make each animal unique. We welcome all who want to dissect owl pellets, chicken feet and much more.

**Grades:** 4-5  
**Dates:** July 15-18  
**Times:** Noon-3 p.m.

**Outdoor Adventures**
Have a taste for adventure in the great outdoors? Take daily walks and discover the wonders of plants, animals, and other outdoor critters. This class will have hands-on activities with a taste of adventure.

**Grades:** K-1  
**Dates:** July 22-25  
**Times:** 8:30-11:30 a.m.

**Growing Up Healthy**
Want to learn how an apple a day will keep the doctors away? Or why eating blueberries are swell and good for you cells? This class will help you to explore all parts of your body. This class will show you all the secrets and strategies to keeping your body healthy.

**Grades:** 3-4  
**Dates:** July 22-25  
**Times:** Noon-3 p.m.

**Survivor 101**
Lost in the forest, stranded on a deserted island or wandering the desert. How will you survive? Find out what is safe to eat, how to get water, and how to make a shelter. Safety will be a top priority as we take what we learn into the wilderness.

**Grades:** 6-8  
**Dates:** July 22-25  
**Times:** Noon-3 p.m.

**STEM/STEAM Camp**

**Inventors of Tomorrow**
This class will expose students to a world of creativity and inventions. Using electronic building blocks that are interchangeable in millions of different ways empower kids to invent anything, from a sibling alarm, to a wireless robot, to a digital instrument. Students will learn how to create, play, remix, and share inventions while building creative confidence, problem-solving and collaboration skills.

**Grades:** 2-5  
**Dates:** June 10-13, July 8-11 and July 22-25  
**Times:** Noon-3 p.m.

**Technology Camp**

**Introduction to Video Game Design & Development**
This class will put students on the other side of the video game as creators. Rather than simply play games, students will take charge and use their ideas to assemble their very own video game. They will learn that even very simple games require logic, artistic creativity, and programming skills. Students will develop games for the Microsoft Windows PC platform. Please furnish a USB 1 GB flash drive so that your child may continue their endeavors at home.

**Grades:** 4-8  
**Dates:** June 3-6 and July 15-18  
**Times:** 8:30 am-11:30 am  
**Dates:** June 10-13, June 24-27, July 8-11 and July 22-25  
**Times:** 12 pm-3 pm

**Digital Playground**
Imagine creating your own online universe filled with avatars, 3D graphics, animated graphics, online posters, and artwork mash-ups. You will do this all by creating your own web page showcasing your new creations. No pens or pencils required. The only thing you need to bring is your imagination. So come join the fun and become the master of your own universe! (NOTE: An email account will be required).

**Grades:** 2-5  
**Dates:** June 3-6, June 17-20 and June 24-27  
**Times:** 12 pm-3 pm  
**Dates:** July 22-25  
**Times:** 8:30-11:30 a.m.

**Python Code-A-Thon**
Come on...get with the program! In this class, you will learn how to create your own computer code using Python programming. Learn to think like a computer. Python is an object oriented programming language that is easy to learn and fun to use. Programming can help with problem-solving, creativity and communication skills.

**Grades:** 3-8  
**Dates:** June 3-6  
**Times:** 8:30-11:30 a.m.  
**Dates:** June 17-20 and July 15-18  
**Times:** Noon-3 p.m.

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KODU-Video Game Design for Xbox
Come learn to program your own video games for your Xbox 360 or PC. This class will use Microsoft Kodu software. Kodu provides an end-to-end creative environment for designing, building and playing your own video games. With Kodu, game design is simple, quick and easy. You will learn how to create your own games using either the Xbox 360 controller or a mouse and keyboard. This class is recommend for students 9 years old and up with general computer knowledge.

**Grades:** 4-8  
**Dates:** June 3-6 and July 15-18  
**Times:** 12 pm - 3 pm  
**Dates:** June 10-13 and June 24-27  
**Times:** 8:30-11:30 a.m.

Introduction to Web Design
In this class, students will create their own web page! Students will be introduced to basic HTML programming and design aesthetics. The student will walk away with an increasingly valuable skill for school projects, or simply just for fun. Students will utilize open-source software kits when developing pages. Please furnish a 2 GB USB flash drive so that your child may continue their endeavors at home.

**Grades:** 2-5  
**Dates:** June 3-6  
**Times:** Noon-3 p.m.  
**Dates:** July 8-11  
**Times:** 8:30-11:30 a.m.

Programming for Beginners with Bee Bots and More
Is your student on the path to programming? In this course, students are introduced to programming with the help of Bee Bots and Apps like Daisy the Dinosaur and Hopscotch. This course does not require any previous programming experience, only a desire to learn and a curious nature.

**Grades:** Pre-K (age 3-4)  
**Dates:** June 3-6  
**Times:** 8:30-11:30 a.m.  
**Grades:** K-1  
**Dates:** June 24-27 and July 22-25  
**Time:** Noon-3 p.m.  
**Dates:** July 15-18  
**Time:** 8:30-11:30 a.m.

Legomation
This camp will make LEGOS come to life through animation. Students will also use sculpting, visual literacy, and multimedia concepts led by a teacher who will guide their exploration and discovery. Each student will brainstorm an idea, create a storyboard and script, sculpt, build scenery, and design special effects while shooting and editing a stop-motion animation movie. Please bring in an empty shoebox to keep your LEGO figures in for the week, and a 2 GB USB drive to put your movies on. Students may also use their own digital camera with approval.

**Grades:** 2-5  
**Dates:** June 10-13 and July 8-11  
**Times:** 8:30-11:30 a.m.  
**Dates:** June 17-20 and July 15-18  
**Times:** Noon-3 p.m.

Bloxel Game Builder: Your Imagination's Turn to Play!
Come join the fun with Bloxels, a fun and exciting way to build, capture, design, play and share your very own video games. Bloxels cultivates imagination while encouraging discovery and experimentation. Learn to realize your own video game ideas, build and animate original characters, develop villains and add in power-ups.

**Grades:** 2-5  
**Dates:** June 10-13, July 8-11 and July 22-25  
**Times:** 8:30-11:30 a.m.

Claymation
This camp will provide the opportunity for youth to explore animation, sculpting, visual literacy and multimedia concepts while working on their own or in small, collaborative teams of kids their own age led by a teacher who will guide their exploration and discovery. Each team will brainstorm an idea, create a storyboard and script, sculpt clay, build scenery, and design special effects while shooting and editing a stop-motion animation movie. Please bring in an empty shoebox to keep your clay figures in for the week and a 2 GB USB drive to copy your movies on. Students may use their own digital cameras with approval.

**Grades:** 2-5  
**Dates:** June 10-13 and July 8-11  
**Times:** Noon-3 p.m.  
**Dates:** June 17-20 and June 24-27  
**Times:** 8:30-11:30 a.m.

Introduction to Mobile Game Development with GameSalad®
If you have ever thought about creating your own mobile video

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Aegis
What if your camper could experience a graphic novel as it comes to life? By combining the interaction of video games with the storytelling power of a graphic novel, you could engage children (age 10-13) in computer science, basic programming skills and robotics for a complete STEM experience. Your adventure seeker will be absorbed in the multi-tiered underground world of Aegis; following a group of friends as they try to find a way to the surface. During this quest, they will learn and apply the Engineering Design Process, Narrative Writing, Pseudocode, Flowcharting, Robot Movement using Time and Wheel Rotations Programming Using Variables, Loops and Branching.

Grades: 4-8
Dates: June 24-27 and July 22-25
Times: 8:30-11:30 a.m.

Minecraft Exploration
Wanna build a world of your own with no parents and no rules? Come explore the world of Minecraft. Place blocks and go on an adventure in this computer generated universe.

Grades: 6-8
Dates: June 17-20
Times: 8:30-11:30 a.m.

Character Development Camp

Macaroni and Please!
"Please" and "Thank You" are simple phrases that are understood by the age of 2. Some children also understand what the phrase "That's not nice" means. This is the right time to help children understand what manners are through role-playing in relation to who they are specifically and also to explain the importance of manners.

Grade: Pre-K – 1st (Age 3-6)
Dates: June 10-13 and July 8-12
Times: Noon-3 p.m.

Proud to Be Polite
As young people make their way in the world, they will require advanced social/communication skills, respect and rules. Campers will explore through authentic learning experiences the importance of first impressions, handshakes and making eye contact when making introductions, as well as self-respect and being polite to oneself.

Grades: 2-5 (age 7-10)
Dates: June 17-20 and July 15-18
Times: Noon-3 p.m.

Confidence is Cool
This vital program for ages 11-14 covers the steps to gaining confidence, setting goals, problem solving, asserting yourself with ease, confident language, social IQ, courteous communication, dress and decorum, special event etiquette, invitations and correspondence, social etiquette, and dining etiquette. This camp engages learners and provides your child with the tools to feel confident in any situation.

Grades: 6-8 (age 11-13)
Dates: June 24-27 and July 22-25
Times: Noon-3 p.m.

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