

**Legend:**

\* = Art classes

Early Bird classes = noted within course titles

# 2024 College for Kids Catalog

Register at: [www.gwaea.org/college4kids](http://www.gwaea.org/college4kids)

Dear Parents and Students:

On the next several pages you will find a full listing of the classes being offered as part of the 2024 College for Kids Summer Enrichment Program! We are so excited about the many options and opportunities below, and hope you will be, too!

In this catalog are the **Course Descriptions** (pages 1-8) as well as the **Courses Offered per Period** (pages 8-14). The online registration system requires students to select one course for each period of the day (Period 1, Period 2, Period 3). Early Bird is optional.

The College for Kids Summer Enrichment Program is comprised of two nomination, or program strands: **Academic** and **Fine Arts**. Nominees for the Academic strand have full program access. Nominees for the Fine Arts strand will select from the courses indicated with a "\*".

Enjoy shopping for your classes! We hope you find what you're looking for...and much more! See you this summer!

Art	Course Titles	Course Descriptions
*	<b>Acrylic Craze</b>	This class will be looking at different painting techniques, brushstrokes, and artistic styles. We will be pouring paint, freezing it and using some odd materials like shaving cream to apply unique surface designs. Be ready to create and get a little messy! A paint shirt is a must!
*	<b>Adulting: Readiness for the Real World</b>	It is never too early to start thinking about what it means to be "ready for the real world". In this course, students will learn the steps that it takes to get a job as well as how to center their thinking around their future. While this seems like a daunting "adult" task for middle school students, we keep it light-hearted and brainstorm possible steps to take now to build their experiences.
	<b>Algebra Concepts</b>	Join us for an introduction to algebra. We will review basic concepts including the order of operations, positive and negative number operations, number properties, inverse operations and transformations. Practice solving and graphing linear equations.
*	<b>Altered Books</b>	Recycle old books into works of art! Altered Books recycles literary works into visual art using mixed media to transform the written words to images. Draw, paint, cut, paste, and fold pages into original 3-D artworks. Tap into the theme of the book and use it as inspiration for elaboration.
*	<b>American Sign Language</b> <i>Also offered during <u>July Early Bird</u></i>	American Sign Language is a complex language that uses hand shapes and movement to create words with specific grammar rules. This class will introduce students to the language and the culture of the Deaf world.
	<b>Archaeology of Iowa</b>	This class introduces students to the methods that archaeologists use to learn about the past. We will try out various archaeological research techniques and learn about the 13,000 years of archaeological history in Iowa. We will travel back in time and study the changing technologies that people employed throughout the long story of Native Americans in Iowa.
*	<b>Architectural Kitchen Design</b>	Architects command an important role in building today's world. Do you want to develop your ability to design? Bring your ideas to life! Create an architectural drawing of a kitchen and propose your design concept to a potential client. After all, everyone knows it is the kitchen that sells the house!

**Session A = Monday, June 17-Thursday, June 27**

Program Times = 8:30am-12:07pm (Early Bird Classes = 7:45am-8:20am)

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	<b>Astronomy</b>	Engage in mind-bending discussions about the beyond! This course will focus on profound subjects involving the cosmos. Presentations and discussions will focus on topics such as The Black Holes, Relativity, Exoplanets, Spaceships, and the Beginning/End of the Universe.
*	<b>Auditioning for the Stage &amp; Screen</b>	Before you make your big debut, you have the land the job first! To help nab the role of a lifetime, students will learn various public speaking techniques and acting philosophies through readings, mock auditions, and interviews with local performers and directors.
*	<b>Batman: Superheroes, Storytelling &amp; Society</b>	It's Batman! Gain insight into one of the most famous fictional characters of all time and the legacy he has on society. Explore history, literature, culture, film and animation, and psychology, gaining great insight into a range of topics with Batman as the central focus. We will discuss Batman the superhero and the comic book as we come to understand how fictional characters can have a lasting impact on culture and society proving the importance of fictional storytelling.
	<b>Become a Drone Pilot</b>	Drones are becoming an important part of modern life. In this course, students with little to no drone experience will learn to safely and responsibly pilot drones, will learn about laws and regulations, and will learn about the ever-growing number of careers that use drone technology. Come fly with us! Students will need a mobile phone for drone operation. All other materials provided.
*	<b>Book Chats</b>	During this course you will explore and spend leisurely time enjoying and sharing what you like to read and write! This course will provide you with a reading environment and time to get into books that interest you! You will be provided with the opportunity to share and learn from others all the amazing books there are out there!
	<b>The Brain</b>	Course description coming soon! This is a science-based class.
	<b>Computer Science Discoveries: Game Design &amp; Animations</b>	Using code.org we will learn the basics of Javascript and how to create animations and the basics for game design.
	<b>Computer Science Discoveries: Web Development</b>	Come learn how to write HTML and CSS to create a website using code.org. Students will learn how to use the HTML and CSS language to create a basic website full of color, text and pictures.
	<b>Discover Engineering: A Solution to Every Problem</b>	Learn about the different branches of engineering and the engineering process, and then try them all out with fun, hands-on activities. Students will construct balsa wood towers, make bouncy balls, test filters, and much more!
	<b>Dissection</b>	Explore the world of the insides, including animal organs, systems, and the functions of each. Compare preserved specimens to live specimens. This class is for individuals who can handle a hands-on learning environment where you dive into the insides! Anticipated specimens for 2024: fetal pig, perch, earthworm, bullfrog, and available live/fresh specimens.
*	<b>Dumbledore's Debates</b>	Harry Potter fans have strong opinions. Think that Harry should of ended up with Hermione instead of Ginny? Who is worse, Snape or Umbridge? Did Snape ever really love Lily? Make your voice heard as we learn about the skills debate and the logical fallacies that can undermine good discourse. Learn the steps in forming and defending your position on an issue. Gryffindor or Slytherin? Get your arguments in order!

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Art	Course Titles	Course Descriptions
*	<b>Dungeons &amp; Dragons Level 1: Would You Like to Play a Game?</b> <i>Also offered during Early Bird</i>	Are you a fan of movies such as <i>The Lord of the Rings</i> , <i>The Princess Bride</i> , or <i>Narnia</i> ? Discover how you can create your own unique fantasy script through the gameplay of Dungeons and Dragons. Use narrative techniques, such as dialogue, description, and sensory language, to capture the epic quests of your character.
*	<b>Dungeons &amp; Dragons Level 2: Building the Story!</b>	Calling all experienced adventurers! Are you tired of battling fearsome beasts? Wanting to control how the story ends? Then come forge your writing skills as you use your knowledge of Dungeons and Dragons to create your own 'Choose Own Your Adventure' gamebook! After going on a few adventures of your own, you will use your experience to learn how to navigate interwoven storylines. Write with your audience in mind as you plan each trial, trap, and following consequence.
	<b>Earth &amp; Life Through Time</b>	This course explores the history of our planet and how it has evolved through time along with the creatures that inhabit it. We will examine how earth systems and biological evolution have influenced each other throughout time and learn how to organize geological time.
	<b>Engineering, Energy &amp; Rube Goldberg!</b>	In this course, you will begin by learning about potential and kinetic energy, the specific types of potential and kinetic energy, and how they are transferred. Next, you will explore simple machines and investigate how those machines are used to transfer energy. Finally, to take it a step further, you will combine energy and machines together and use recycled materials to engineer a Rube Goldberg Machine!
	<b>Exploring Biotechnology</b>	Ready, set, GLOW! Investigate the amazing world of biotechnology using inquiry based science practices. Start by studying DNA, use DNA fingerprinting to identify a culprit, grow bacteria that glow, discover real-world applications of genetically modified organism, and finally discuss how these organisms should be used, or not used, by humans.
	<b>Explore the Voices of the Holocaust</b>	Learn about the Holocaust and the people who played a role in this time in history. Through discussions, timelines, survivor stories and art analysis, learn about Anne Frank, Elie Wiesel, Adolf Hitler, and more. Learn about the Nazi party and its invasion across Europe while focusing on the people who resisted their reign of terror. Students will have the opportunity to express and reflect on their knowledge and feelings throughout this class through personal journaling, class discussion and art.
*	<b>Fake Foods in Clay</b>	Let's create that perfect meal that can be visually enjoyed through the use of the great medium of clay. This class will focus on creating fun fake foods as well as the serving dish, box, bowl and accessories to make this art piece a standout at any party.
	<b>Feudal Game: A STEAM Integrated Simulation of Ancient China's Warring States Period</b>	This course intertwines Science, Technology, Engineering, Art, and Math (STEAM) in a competitive game format that simulates Ancient China's Warring States Period. Delve into the technological innovations and artistic expressions that shaped Ancient China. Immerse in a dynamic learning experience for a holistic understanding of feudal systems and the origins of the world's oldest continuous civilization.
	<b>Forensic Science</b>	Learn about forensic science and modern criminal investigation analysis. Further develop your problem-solving skill as you theorize, research and synthesize information, and arrive at evidence-based conclusions. How would your skills hold up at a crime scene or in the laboratory?

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*	<b>Fun with Textiles</b>	Learn weaving and macramé, and other varieties of textile art. Guided by the instructor, students will have the creative freedom to express themselves through several projects. Students will have a minimum of two projects to bring home at the end of our course.
	<b>Geometry</b>	Are you seeking a solid foundation to start high school geometry? If so, then this is the course for you. This course will be an introduction to some high school level mathematical content. Topics include logic and proofs, geometric definitions, find angle and segment lengths and introduce trigonometry. Join the fun!
	<b>Get Psyched for Psychology</b>	Getting Psyched for Psychology will take you on an engaging journey through social psychology, taught through storytelling, case studies, and popular culture. Let's explore social thinking, social influence, and social behavior and how it influences YOU! A mini-psychological research project will be designed and tested.
*	<b>Graphic Design</b>	Embark on a visual adventure in Graphic Design! Unleash your creativity and dive into the world of vectors and visual engagement. From designing your own dazzling logos to mastering Adobe Illustrator, this course is your ticket to becoming a design dynamo. Get ready to turn your imagination into digital works of art and let your creativity run wild!
*	<b>Hand Lettering</b>	Welcome to the world of Hand Lettering – where letters come to life with your creative touch! Get ready to transform ordinary words and phrases into something extraordinary. In this exciting course, you'll unlock the secrets of creating captivating letterforms, from elegant scripts to funky one of a kind fonts. Grab your pens, unleash your inner artist, and join us for an adventurous hand lettering journey!
*	<b>Handmade Paper and Books</b>	Learn many creative ways to produce decorative papers and a variety of hand-bound books from scratch in this messy and hands-on class. Professional marbling pigments, paints and drawing materials will be used to create unique sheets of paper. Final projects will incorporate unique decorative designs in the creation of books, journals and ledgers.
*	<b>Improvational Acting</b>	Lights, camera, improv! Students interested in performance will enjoy practicing the art of comedic improvisation. In this course they will learn the rules and games that go into making up a scene on the fly. All the while using teamwork, communication, and instinct to make funny happen spontaneously.
*	<b>Inspiring the Writer Within</b>	Participants will explore various topics and strategies for writing, using mentor texts and personal experiences to develop their thinking. In a supportive community of writers, participants will learn from one another and have choice in the genres they craft. Due to the limited time together, emphasis will be on generating and developing ideas, rather than perfection of grammatical skill (although this will be considered, as well!). All students will receive a booklet of writing at the end of the class.
	<b>Intro to German</b>	Have fun learning basic conversational phrases and vocabulary in German as well as unique customs of the German speaking countries. You will begin on the first day to speak in German with your classmates, and end on day nine with basic speaking and listening comprehension skills.
	<b>Introduction to Spanish</b>	Hola! Learn about the Spanish language and Hispanic culture. This course will focus on listening, reading, writing and speaking. Culture, music and videos will be incorporated. Join us! ¡Vámonos!

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	<b>Japanese</b>	Japanese is an extraordinary language that is artistic, challenging, and melodic! You will learn basic phrases, how to introduce yourself, numbers, colors, and gain an introduction to the three scripts. Culture is an important aspect to Japan, and you'll also learn origami, watch anime, and learn honorable customs.
*	<b>Learn to Write and Perform Sketch Comedy: The Magic Behind Jim Henson's Muppets</b>	Muppets. Fraggle Rock. The Dark Crystal. Kermit the Frog. Now you too can "play the music" and "light the lights!" Students will have the opportunity to learn about Jim Henson's revolutionary puppetry performance techniques, build their own puppet, and write a short comedy sketch to be performed on the final day.
*	<b>Let's Get to the Point: Embroidery</b> <i>Early Bird ONLY</i>	Let's get crafty! In this early bird course we will be designing our own pictures on cotton fabric using embroidery floss. Learn how to use a sewing loom, thread a needle, make knots and use plastic mesh as a sewing base. Let's get to the point!
*	<b>Math Found in Nature</b>	Have you ever noticed how much math is in nature? That a head of broccoli looks exactly like one of its little florets? This class will explore the beauty of mathematics found in nature and patterns. Topics include fractals, tessellations, the Fibonacci sequence and the golden spiral (often referenced in art). Join us and find out why Galileo said, "Nature is written in mathematical language."
	<b>Math of Monkey Business</b> <i>Also offered during July Early Bird</i>	Opening a zoo may sound like "monkey business", but the stakes are high. Data must be collected and analyzed, budgets must be created and followed to support concessions and merchandise, and profit goals must be set. Once you've show off your problem-solving math skills on the business side of the operation, it's time to learn how geometry can help you design and build animal enclosures to ensure that the zoo will be in operation for years to come. Math is everywhere in this hands-on application-based class!
	<b>Math Power</b>	Is Math one of your favorite subjects? Have you ever been frustrated because you really wanted to know WHY, not just HOW math works? In this course, students will be introduced to some high school and college level mathematical content. We will cover probability, topology, graph theory, and cryptography. It's a fun introduction to mathematical topics beyond the common core.
*	<b>Meditation, Mindfulness and Yoga</b> <i>Also offered during Early Bird</i>	Namaste! Start your day off right with Yoga. Let this ancient practice help you find focus and balance. The physical moves of Yoga are not just about flexibility, but also core strength, breathing and meditation.
	<b>Microscopy</b> <i>June Early Bird ONLY</i>	Using powerful professional grade microscopes, you will experience the thrill of discovering the world of the very tiny. Discover the living things that grow on your food. Observe the microorganisms that are found in lakes, rivers, and ponds. Look at and study your own cells and the cells of other living things.
*	<b>Mixed Media Art</b>	Create artwork using a variety of drawing and painting mediums and techniques. Learn how to combine multiple art media including drawing, painting, calligraphy and collage. Express yourself as the unique artist and person that you are!
	<b>Mock Trial</b>	Students will become familiar with a civil/criminal case, learn how to develop arguments for the defense and prosecution sides, become familiar with court procedures, write openings, direct and cross examinations, as well as closing arguments and conduct an actual court trial. Will the defendant be found guilty or innocent? Your performance will help determine the verdict!

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*	<b>Mystery Summer: The Westing Game</b> <i>Early Bird ONLY</i>	A novel study on steroids over <i>The Westing Game</i> by Ellen Raskin. Dive deep into the mystery and see if you can put the clues together to solve the mystery before the characters in the book. We will become detectives and use evidence based reasoning to make decisions about how to solve mysteries using one of the best mystery stories out there.
*	<b>Mythology</b>	Discover the interrelated world of mythology and how it effects the world today. Have you enjoyed Rick Riordan's books and are also somewhat confused about all the gods and goddesses from Greek, Roman, Egyptian and Norse mythology? Explore and learn about mythology from many cultures, study family trees from different cultures, and complete an in-depth study of several mythological beings.
*	<b>Newfangled Fairy Tales</b>	Happily Ever After – we all know that's how it ends. But do you know the real stories behind these classics? And how do these tales even relate to today's cell-phone carrying, tech-savvy kids? Students will discuss what these classic fairy tales can still teach us, and then write and perform their own fairy tales that future generations will never forget!
*	<b>Origami 101</b>	Origami is the Japanese art of paper folding from the words <i>ori</i> meaning "folding" and <i>kami</i> meaning "paper". Experience the joy this art form brings to people of all ages. No prior knowledge necessary - we will start with the basics and build up our repertoire with boxes, animals, stars, jewelry and more! Take home several completed projects.
*	<b>Pastel Chalk and Charcoal</b>	Explore the art materials of pastel, chalk and charcoal! Learn to draw using these really messy, but fabulously fun media. In this class we will spend as much time out of the classroom, as in, capturing the unique qualities of the summer sun and the effects on the beautiful flowers and plant life in Coe College's gardens. Students will also have the opportunity to improve their drawing skills and powers of direct observation, while sketching still life arrangements in the studio. Emphasis will be on capturing light and color while drawing with these diverse media. So don't be afraid to roll up your sleeves, get messy, and join in the fun of this challenging, but rewarding drawing class!
	<b>Phenomenal Physics</b>	Throughout this course, students will engage in the concepts of physics by exploring the phenomena of the world around them. Students will participate in hands-on activities to investigate things like gravity, forces, kinematics, and everything in between. Each day will offer a new and exciting learning opportunity with a chance to apply your understanding of physics through competitions and challenges.
*	<b>Poetry Café</b>	Come experience poetry in a unique environment where everyone is a poet. We will immerse ourselves in poetry of all kinds and build a community of writers who care for each other. Poetry is man's inner self trying to get out. Explore what your inner self is saying to you!
	<b>Ratios and Proportions in the Cooking World</b>	Ratios and Fractions: two things we use in our world each day. We will work with ratios and proportions in the cooking world. Learn how to proportionally use these ratios for meal prepping and planning. Analyze how cooks, restaurants, and party planners use these skills to plan their daily work life. Yes, Chef!
	<b>Rock On: Intro to Minerology and Petrology</b>	Course description coming soon! This is a science-based class.

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	<b>The Science of Running</b>	Running is the foundation of almost every sport, and believe it or not, the foundation of survival for early humans. Our bipedal nature makes running the ideal physical activity, and whether you run competitively, use it as conditioning, or for simple exercise knowing proper mechanics, nutrition, and training is important. This course is an exploration of what it takes to be an efficient runner for all sorts of reasons, and we may just do a little bit of it ourselves.
	<b>Sherlock Holmes &amp; the Theory of Deduction</b>	It may look easy, but the theory of deduction is hardly elementary. Utilizing a variety of examples from literature, film, and gaming, students will learn the observation and critical thinking skills demonstrated by Arthur Conan Doyle's famous detective character, Sherlock Holmes. They will then utilize these skills to solve a series of dastardly cases and put an end to a crimewave in Victorian London.
*	<b>Smash Journaling - Creative Writing Meets Art</b>	Do you enjoy documenting your life, interests, trips, feelings in the form of both art and writing? Then Smash journaling is for you! The workshop atmosphere will lend itself to a lot of reflection and creativity. You will receive a blank journal at the beginning of the week that will come to life as the session progresses.
*	<b>Sumi-e Ink Painting</b>	Sumi-e is the unique art of ink wash painting. This "Zen" style of painting has been practiced for well over a thousand years and depicts the spirit or essence of an object or scene rather than its outward appearance. In both viewing and creating, Sumi-e is a very contemplative form of painting, expressing through the fewest possible brush strokes.
*	<b>Tai Chi, Martial Arts &amp; the Power of Positive Thinking</b>	Fans of "Kung Fu Panda"...come and learn the lessons that Po teaches in the movie. Behind the graceful movements of Tai Chi Chuan is a hidden world of Kung Fu Martial Arts. Explore the history and health benefits of the national exercise of China. Learn martial art postures and the Eastern concepts of Taoism, balance, harmony and self-discipline. Discover the power of your mysterious internal energy (chi). As a practitioner of Tai Chi you will learn that behind the gentle movements is an art of self-defense. Discover the peaceful warrior within you.
*	<b>Taylor Swift: Eras &amp; Easter Eggs</b> <i>Also offered during <u>June</u> Early Bird</i>	Dive into all things Taylor Swift! In this class we will dissect her different eras, her hidden easter eggs, and why she is a mastermind and role model.
*	<b>Virtual 3-D Creations</b>	Design, animate, engineer, and texture your three dimensional creations in this hands-on, student-centered class. Students will be guiding their own learning using different applications including Blender, Sketch-up, and Tinkercad. This class accepts all different levels of experience since we set our own pace of learning.
*	<b>Watercolor &amp; Beyond</b>	Learn to use one of the oldest media - watercolor. It can be soft and sweet, or it can be bold and bright. Blend it with itself or combine it with other medias. We will explore the makeup of pastel, ink and copic and acrylic and how each can mix with the other. Also learn how to map with one media and enhance with the other. Then see what happens when you add texture.
	<b>What's Your Circuit Circus?</b>	This class explores the underlying mathematics of digital electronics and the hardware of circuit boards. Create isometric drawings to represent 3-dimensional objects. Learn how to count and code in binary and hexadecimal number bases.

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*	<b>Wild World of Sculpture</b> <i>Early Bird ONLY</i>	Students will be creating sculptures using a wide array of materials with an emphasis on exploration and creativity in a three dimensional space. This is a very open-ended class with most days having a focus on creating.
*	<b>A World on the Brink: Dystopian Story Telling</b>	Imagine a world much like our own, torn apart by destruction and injustice. What would that look like? Dystopian Fiction has been captivating minds for decades, let's take a look and see if you can craft your own story of an apocalyptic future using literature, history, and creative thinking! We will use general writing techniques and introduce elements to create graphic novels!
*	<b>Writing for Mindfulness</b>	Do you love new notebooks and journals? Do you enjoy writing, doodling, creating and imagining? Then this is a class for you! We will explore ways to incorporate journaling, gratitude practice and creativity into your daily lives.
*	<b>Zentangle Doodling</b> <i>Early Bird ONLY</i>	Have you always wondered how to create the detailed patterns found in all of those fancy coloring books? Learn how to create doodles called zentangles! Become a zentangle doodling master while designing artwork images of your own choosing.

## Courses Offered per Period\*

Below is the listing of courses offered per class period. The online registration system requires students to select one course for each period of the day (Period 1, Period 2, Period 3; Early Bird is optional). *Note: Any class periods that do not reach the necessary enrollment capacity to be viable will be cancelled and removed from the registration system. (If you register for a class that does not reach minimum capacity, you will be contacted to adjust your schedule.)*

*\*a few minor scheduling changes are possible before registration opens on March 1*

Session	Course Title	Period	Start	End
<b>Early Bird: June 17-27</b>				
A	Early Bird-Dungeons & Dragons Level 1: Would You Like to Play a Game?*	Early Bird	7:45	8:20
A	Early Bird-Let's Get to the Point: Embroidery*	Early Bird	7:45	8:20
A	Early Bird-Meditation, Mindfulness and Yoga*	Early Bird	7:45	8:20
A	Early Bird-Microscopy	Early Bird	7:45	8:20
A	Early Bird-Mystery Summer: The Westing Game*	Early Bird	7:45	8:20
A	Early Bird-Sherlock Holmes & the Theory of Deduction	Early Bird	7:45	8:20
A	Early Bird-Taylor Swift: Eras & Easter Eggs*	Early Bird	7:45	8:20
A	Early Bird-Wild World of Sculpture*	Early Bird	7:45	8:20
A	Early Bird-Zentangle Doodling*	Early Bird	7:45	8:20
<b>Period 1: June 17-27</b>				
A	P1-Acrylic Craze*	Period 1	8:30	9:37
A	P1-Algebra Concepts	Period 1	8:30	9:37
A	P1-Altered Books*	Period 1	8:30	9:37
A	P1-American Sign Language*	Period 1	8:30	9:37
A	P1-Archaeology of Iowa	Period 1	8:30	9:37

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A	P1-Architectural Kitchen Design*	Period 1	8:30	9:37
A	P1-Astronomy	Period 1	8:30	9:37
A	P1-Become a Drone Pilot	Period 1	8:30	9:37
A	P1-Book Chats*	Period 1	8:30	9:37
A	P1-Dissection	Period 1	8:30	9:37
A	P1-Dungeons & Dragons Level 1: Would You Like to Play a Game?*	Period 1	8:30	9:37
A	P1-Energy, Engineering & Rube Goldberg!	Period 1	8:30	9:37
A	P1-Explore the Voices of the Holocaust	Period 1	8:30	9:37
A	P1-Exploring Biotechnology	Period 1	8:30	9:37
A	P1-Fake Foods in Clay*	Period 1	8:30	9:37
A	P1-Feudal Game: A STEAM Integrated Simulation of Ancient China's Warring States Period	Period 1	8:30	9:37
A	P1-Forensic Science	Period 1	8:30	9:37
A	P1-Graphic Design*	Period 1	8:30	9:37
A	P1-Improvise Acting*	Period 1	8:30	9:37
A	P1-Inspiring the Writer Within*	Period 1	8:30	9:37
A	P1-Intro to German	Period 1	8:30	9:37
A	P1-Introduction to Spanish	Period 1	8:30	9:37
A	P1-Japanese	Period 1	8:30	9:37
A	P1-Meditation, Mindfulness and Yoga*	Period 1	8:30	9:37
A	P1-Mock Trial	Period 1	8:30	9:37
A	P1-Mythology*	Period 1	8:30	9:37
A	P1-Newfangled Fairy Tales*	Period 1	8:30	9:37
A	P1-Origami 101*	Period 1	8:30	9:37
A	P1-Phenomenal Physics	Period 1	8:30	9:37
A	P1-Poetry Cafe*	Period 1	8:30	9:37
A	P1-Ratios and Proportions in the Cooking World	Period 1	8:30	9:37
A	P1-Rock On: Intro to Minerology and Petrology	Period 1	8:30	9:37
A	P1-Sherlock Holmes & the Theory of Deduction	Period 1	8:30	9:37
A	P1-Taylor Swift: Eras & Easter Eggs*	Period 1	8:30	9:37
A	P1-The Science of Running	Period 1	8:30	9:37
A	P1-Watercolor & Beyond*	Period 1	8:30	9:37
<b>Period 2: June 17-27</b>				
A	P2-Acrylic Craze*	Period 2	9:45	10:52
A	P2-Algebra Concepts	Period 2	9:45	10:52
A	P2-Archaeology of Iowa	Period 2	9:45	10:52
A	P2-Architectural Kitchen Design*	Period 2	9:45	10:52
A	P2-Astronomy	Period 2	9:45	10:52
A	P2-Auditioning for the Stage and Screen*	Period 2	9:45	10:52

**Session A = Monday, June 17-Thursday, June 27**

**Session B = Monday, July 8-Thursday, July 18**

Program Times = 8:30am-12:07pm (Early Bird Classes = 7:45am-8:20am)

# 2024 College for Kids Catalog

Register at: [www.gwaea.org/college4kids](http://www.gwaea.org/college4kids)

Session	Course Title	Period	Start	End
A	P2-Batman: Superheroes, Storytelling & Society*	Period 2	9:45	10:52
A	P2-Book Chats*	Period 2	9:45	10:52
A	P2-Dissection	Period 2	9:45	10:52
A	P2-Dumbledore's Debates*	Period 2	9:45	10:52
A	P2-Earth & Life Through Time	Period 2	9:45	10:52
A	P2-Energy, Engineering & Rube Goldberg!	Period 2	9:45	10:52
A	P2-Explore the Voices of the Holocaust	Period 2	9:45	10:52
A	P2-Exploring Biotechnology	Period 2	9:45	10:52
A	P2-Fake Foods in Clay*	Period 2	9:45	10:52
A	P2-Feudal Game: A STEAM Integrated Simulation of Ancient China's Warring States Period	Period 2	9:45	10:52
A	P2-Forensic Science	Period 2	9:45	10:52
A	P2-Get Psyched for Psychology	Period 2	9:45	10:52
A	P2-Graphic Design*	Period 2	9:45	10:52
A	P2-Improvisational Acting*	Period 2	9:45	10:52
A	P2-Inspiring the Writer Within*	Period 2	9:45	10:52
A	P2-Intro to German	Period 2	9:45	10:52
A	P2-Introduction to Spanish	Period 2	9:45	10:52
A	P2-Japanese	Period 2	9:45	10:52
A	P2-Math of Monkey Business	Period 2	9:45	10:52
A	P2-Mock Trial	Period 2	9:45	10:52
A	P2-Mythology*	Period 2	9:45	10:52
A	P2-Newfangled Fairy Tales*	Period 2	9:45	10:52
A	P2-Pastel Chalk and Charcoal*	Period 2	9:45	10:52
A	P2-Phenomenal Physics	Period 2	9:45	10:52
A	P2-Poetry Cafe*	Period 2	9:45	10:52
A	P2-Ratios and Proportions in the Cooking World	Period 2	9:45	10:52
A	P2-Sumi-e Ink Painting*	Period 2	9:45	10:52
A	P2-Tai Chi, Martial Arts & the Power of Positive Thinking*	Period 2	9:45	10:52
A	P2-Taylor Swift: Eras & Easter Eggs*	Period 2	9:45	10:52
A	P2-Watercolor and Beyond*	Period 2	9:45	10:52
<b>Period 3: June 17-27</b>				
A	P3-A World on the Brink: Dystopian Story Telling*	Period 3	11:00	12:07
A	P3-Adulting: Readiness for the Real World*	Period 3	11:00	12:07
A	P3-Algebra Concepts	Period 3	11:00	12:07
A	P3-Archaeology of Iowa	Period 3	11:00	12:07
A	P3-Architectural Kitchen Design*	Period 3	11:00	12:07
A	P3-Astronomy	Period 3	11:00	12:07

Session A = Monday, June 17-Thursday, June 27

Session B = Monday, July 8-Thursday, July 18

Program Times = 8:30am-12:07pm (Early Bird Classes = 7:45am-8:20am)

# 2024 College for Kids Catalog

Register at: [www.gwaea.org/college4kids](http://www.gwaea.org/college4kids)

Session	Course Title	Period	Start	End
A	P3-Auditioning for the Stage & Screen*	Period 3	11:00	12:07
A	P3-Book Chats*	Period 3	11:00	12:07
A	P3-Dissection	Period 3	11:00	12:07
A	P3-Dumbledore's Debates*	Period 3	11:00	12:07
A	P3-Energy, Engineering & Rube Goldberg!	Period 3	11:00	12:07
A	P3-Exploring Biotechnology	Period 3	11:00	12:07
A	P3-Feudal Game: A STEAM Integrated Simulation of Ancient China's Warring States Period	Period 3	11:00	12:07
A	P3-Forensic Science	Period 3	11:00	12:07
A	P3-Fun with Textiles*	Period 3	11:00	12:07
A	P3-Get Psyched for Psychology	Period 3	11:00	12:07
A	P3-Graphic Design*	Period 3	11:00	12:07
A	P3-Handmade Paper and Books*	Period 3	11:00	12:07
A	P3-Improvise Acting*	Period 3	11:00	12:07
A	P3-Inspiring the Writer Within*	Period 3	11:00	12:07
A	P3-Intro to German	Period 3	11:00	12:07
A	P3-Introduction to Spanish	Period 3	11:00	12:07
A	P3-Japanese	Period 3	11:00	12:07
A	P3-Math of Monkey Business	Period 3	11:00	12:07
A	P3-Mock Trial	Period 3	11:00	12:07
A	P3-Mythology*	Period 3	11:00	12:07
A	P3-Newfangled Fairy Tales*	Period 3	11:00	12:07
A	P3-Pastel Chalk and Charcoal*	Period 3	11:00	12:07
A	P3-Phenomenal Physics	Period 3	11:00	12:07
A	P3-Ratios and Proportions in the Cooking World	Period 3	11:00	12:07
A	P3-Smash Journaling*	Period 3	11:00	12:07
A	P3-Sumi-e Ink Painting*	Period 3	11:00	12:07
A	P3-Tai Chi, Martial Arts & the Power of Positive Thinking*	Period 3	11:00	12:07
A	P3-Taylor Swift: Eras & Easter Eggs*	Period 3	11:00	12:07
A	P3-The Brain	Period 3	11:00	12:07
A	P3-Virtual 3-D Creations*	Period 3	11:00	12:07
A	P3-Watercolor and Beyond*	Period 3	11:00	12:07
<b>Early Bird: July 8-18</b>				
B	Early Bird-American Sign Language*	Early Bird	7:45	8:20
B	Early Bird-Let's Get to the Point: Embroidery*	Early Bird	7:45	8:20
B	Early Bird-Math of Monkey Business	Early Bird	7:45	8:20
B	Early Bird-Meditation, Mindfulness and Yoga*	Early Bird	7:45	8:20
B	Early Bird-Mystery Summer: The Westing Game*	Early Bird	7:45	8:20

**Session A = Monday, June 17-Thursday, June 27**

**Session B = Monday, July 8-Thursday, July 18**

Program Times = 8:30am-12:07pm (Early Bird Classes = 7:45am-8:20am)

**Legend:**

\* = Art classes

Early Bird classes = noted within course titles

# 2024 College for Kids Catalog

Register at: [www.gwaea.org/college4kids](http://www.gwaea.org/college4kids)

Session	Course Title	Period	Start	End
B	Early Bird-Sherlock Holmes and the Theory of Deduction	Early Bird	7:45	8:20
B	Early Bird-Wild World of Sculpture*	Early Bird	7:45	8:20
B	Early Bird-Zentangle Doodling*	Early Bird	7:45	8:20
<b>Period 1: July 8-18</b>				
B	P1-Acrylic Craze*	Period 1	8:30	9:37
B	P1-Algebra Concepts	Period 1	8:30	9:37
B	P1-Architectural Kitchen Design*	Period 1	8:30	9:37
B	P1-Astronomy	Period 1	8:30	9:37
B	P1-Book Chats	Period 1	8:30	9:37
B	P1-Computer Science Discoveries: Web Development	Period 1	8:30	9:37
B	P1-Discover Engineering: A Solution to Every Problem	Period 1	8:30	9:37
B	P1-Dissection	Period 1	8:30	9:37
B	P1-Dungeons & Dragons Level 1: Would You Like to Play a Game?*	Period 1	8:30	9:37
B	P1-Energy, Engineering & Rube Goldberg!	Period 1	8:30	9:37
B	P1-Explore the Voices of the Holocaust	Period 1	8:30	9:37
B	P1-Exploring Biotechnology	Period 1	8:30	9:37
B	P1-Fake Foods in Clay*	Period 1	8:30	9:37
B	P1-Feudal Game: A STEAM Integrated Simulation of Ancient China's Warring States Period	Period 1	8:30	9:37
B	P1-Forensic Science	Period 1	8:30	9:37
B	P1-Hand Lettering*	Period 1	8:30	9:37
B	P1-Improvise Acting*	Period 1	8:30	9:37
B	P1-Japanese	Period 1	8:30	9:37
B	P1-Math Power	Period 1	8:30	9:37
B	P1-Meditation, Mindfulness and Yoga*	Period 1	8:30	9:37
B	P1-Mixed Media Art*	Period 1	8:30	9:37
B	P1-Mock Trial	Period 1	8:30	9:37
B	P1-Mythology*	Period 1	8:30	9:37
B	P1-Origami 101*	Period 1	8:30	9:37
B	P1-Phenomenal Physics	Period 1	8:30	9:37
B	P1-Poetry Cafe*	Period 1	8:30	9:37
B	P1-Ratios and Proportions in the Cooking World	Period 1	8:30	9:37
B	P1-Rock On: Intro to Minerology and Petrology	Period 1	8:30	9:37
B	P1-Sherlock Holmes & the Theory of Deduction	Period 1	8:30	9:37
B	P1-The Science of Running	Period 1	8:30	9:37
B	P1-Watercolor & Beyond*	Period 1	8:30	9:37
B	P1-What's Your Circuit Circus?	Period 1	8:30	9:37
B	P1-Writing for Mindfulness*	Period 1	8:30	9:37

**Session A = Monday, June 17-Thursdays, June 27**

**Session B = Monday, July 8-Thursdays, July 18**

Program Times = 8:30am-12:07pm (Early Bird Classes = 7:45am-8:20am)

**Legend:**

\* = Art classes

Early Bird classes = noted within course titles

# 2024 College for Kids Catalog

Register at: [www.gwaea.org/college4kids](http://www.gwaea.org/college4kids)

Session	Course Title	Period	Start	End
<b>Period 2: July 8-18</b>				
B	P2-A World on the Brink: Dystopian Story Telling*	Period 2	9:45	10:52
B	P2-Acrylic Craze*	Period 2	9:45	10:52
B	P2-Algebra Concepts	Period 2	9:45	10:52
B	P2-Architectural Kitchen Design*	Period 2	9:45	10:52
B	P2-Astronomy	Period 2	9:45	10:52
B	P2-Book Chats	Period 2	9:45	10:52
B	P2-Computer Science Discoveries: Game Design & Animations	Period 2	9:45	10:52
B	P2-Discover Engineering: A Solution to Every Problem	Period 2	9:45	10:52
B	P2-Dissection	Period 2	9:45	10:52
B	P2-Dumbledore's Debates*	Period 2	9:45	10:52
B	P2-Dungeons & Dragons Level 2: Building the Story!*	Period 2	9:45	10:52
B	P2-Earth & Life Through Time	Period 2	9:45	10:52
B	P2-Energy, Engineering & Rube Goldberg!	Period 2	9:45	10:52
B	P2-Explore the Voices of the Holocaust	Period 2	9:45	10:52
B	P2-Exploring Biotechnology	Period 2	9:45	10:52
B	P2-Fake Foods in Clay*	Period 2	9:45	10:52
B	P2-Feudal Game: A STEAM Integrated Simulation of Ancient China's Warring States Period	Period 2	9:45	10:52
B	P2-Forensic Science	Period 2	9:45	10:52
B	P2-Fun with Textiles*	Period 2	9:45	10:52
B	P2-Geometry	Period 2	9:45	10:52
B	P2-Hand Lettering*	Period 2	9:45	10:52
B	P2-Improvisational Acting*	Period 2	9:45	10:52
B	P2-Japanese	Period 2	9:45	10:52
B	P2-Learn to Write & Perform Sketch Comedy: The Magic of Jim Henson's Muppets*	Period 2	9:45	10:52
B	P2-Math Found in Nature*	Period 2	9:45	10:52
B	P2-Mixed Media Art*	Period 2	9:45	10:52
B	P2-Mock Trial	Period 2	9:45	10:52
B	P2-Mythology*	Period 2	9:45	10:52
B	P2-Newfangled Fairy Tales*	Period 2	9:45	10:52
B	P2-Pastel Chalk and Charcoal*	Period 2	9:45	10:52
B	P2-Phenomenal Physics	Period 2	9:45	10:52
B	P2-Ratios and Proportions in the Cooking World	Period 2	9:45	10:52
B	P2-Smash Journaling*	Period 2	9:45	10:52
B	P2-Tai Chi, Martial Arts & the Power of Positive Thinking*	Period 2	9:45	10:52
B	P2-Watercolor and Beyond*	Period 2	9:45	10:52

**Session A = Monday, June 17-Thursdays, June 27**

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Session	Course Title	Period	Start	End
<b>Period 3: July 8-18</b>				
B	P3-Algebra Concepts	Period 3	11:00	12:07
B	P3-Altered Books*	Period 3	11:00	12:07
B	P3-American Sign Language*	Period 3	11:00	12:07
B	P3-Architectural Kitchen Design*	Period 3	11:00	12:07
B	P3-Astronomy	Period 3	11:00	12:07
B	P3-Batman: Superheroes, Storytelling & Society*	Period 3	11:00	12:07
B	P3-Book Chats	Period 3	11:00	12:07
B	P3-Computer Science Discoveries: Game Design & Animations	Period 3	11:00	12:07
B	P3-Dissection	Period 3	11:00	12:07
B	P3-Dumbledore's Debates	Period 3	11:00	12:07
B	P3-Dungeons & Dragons Level 2: Building the Story!*	Period 3	11:00	12:07
B	P3-Energy, Engineering & Rube Goldberg!	Period 3	11:00	12:07
B	P3-Exploring Biotechnology	Period 3	11:00	12:07
B	P3-Feudal Game: A STEAM Integrated Simulation of Ancient China's Warring States Period	Period 3	11:00	12:07
B	P3-Forensic Science	Period 3	11:00	12:07
B	P3-Fun with Textiles*	Period 3	11:00	12:07
B	P3-Hand Lettering*	Period 3	11:00	12:07
B	P3-Handmade Paper and Books*	Period 3	11:00	12:07
B	P3-Improvisational Acting*	Period 3	11:00	12:07
B	P3-Japanese	Period 3	11:00	12:07
B	P3-Learn to Write & Perform Sketch Comedy: The Magic of Jim Henson's Muppets	Period 3	11:00	12:07
B	P3-Math Power	Period 3	11:00	12:07
B	P3-Mock Trial	Period 3	11:00	12:07
B	P3-Mythology*	Period 3	11:00	12:07
B	P3-Pastel Chalk and Charcoal*	Period 3	11:00	12:07
B	P3-Phenomenal Physics	Period 3	11:00	12:07
B	P3-Ratios and Proportions in the Cooking World	Period 3	11:00	12:07
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B	P3-Tai Chi, Martial Arts & the Power of Positive Thinking*	Period 3	11:00	12:07
B	P3-The Brain	Period 3	11:00	12:07
B	P3-Virtual 3-D Creations*	Period 3	11:00	12:07
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**Session A = Monday, June 17-Thursdays, June 27**

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