

**Legend:**

**Y** = Art classes

Early Bird classes = noted within course titles

# 2022 College for Kids Catalog

This catalog is divided into two sections: **Course Descriptions** and **Course Offerings per Period**. **UPDATED 2/18/2022**

**Students:** As a reminder the College for Kids Summer Enrichment Program is comprised of two nomination/program strands: Academic and Fine Arts. Students specifically nominated for the Fine Arts strand should select from the courses indicated with a "Y" in the Art column below.

Art	Course Titles	Course Descriptions
Y	<b>A.I.I.M.</b>	A.I.I.M. "Acting, Improvisation, Interpretation & Mime" will launch your journey into the world of high school competitive speech and performing arts. Be ready to get up and move every day!
Y	<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!
Y	<b>Acting for the Stage</b>	All the world's a stage, so join us! We'll explore techniques and approaches to acting in this very interactive course designed for those exploring, or already familiar with theatre. No matter your level, we'll stretch our skills as we build our confidence as theatre artists; refine improvisational skills; learn to communicate stories clearly and effectively; and, apply concepts and techniques we've learned in scenes from major published plays, both classic and modern. We will finish the course by devising and performing our own original 10-minute plays.
Y	<b>Acting the Song: Musical Theatre</b>	Already performing in musicals or dreaming of the spotlight? No matter where you are, join us as we stretch our skills to act effectively in musical theatre. We will discuss and work on techniques for storytelling through song; learn best practices and perform in mock auditions for musical theatre; and, work together to stage striking group and ensemble musical theatre moments. The course will culminate in creating a musical theatre showcase in which students share individual and group performances of songs refined throughout the course. Students should expect to sing (solo and as a group) most days in this course.
Y	<b>Altered Books</b>	Recycle old books into works of art! 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. How can you illustrate the ideas by adding new images and words? Share your altered books in our end of class art show!
	<b>Apply for Leadership</b>	What makes you stand out? What are the skills that will make you employable and a good community leader? In this class we will practice the job application process, including resumes, cover letters and the interview process. As a class we will then put our leadership skills to work by identifying community problems and developing solutions. The next generation of leaders is you.
	<b>Archaeology of Iowa</b>	Archaeologists are scientific detectives! In this class we will explore how archaeologists, like other scientists, gather clues and piece them together in an effort to find out how people lived in the past. We will practice archaeological research methods such as mapping, sorting and classifying artifacts, and we will experiment with prehistoric technologies as we learn about the Ancestral Native American cultures that have lived in Iowa for more than 13,000 years.
Y	<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!
	<b>Being an Effective Leader: Organization, Prioritization &amp; Communication</b>	Why do some people thrive under pressure? What are the steps students can take to become the best version of themselves personally and in the future, professionally? Through this course students will learn and apply lessons of organization, productivity, and communication to become effective leaders within their current, future, and prospective organizations. The course will be communication based with skills relating to speaking and listening, writing, and college/career readiness.
Y	<b>Ceramic Art</b>	Course description currently unavailable.

**Session A = Tuesday, June 21-Friday, July 1**

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

**Session B = Tuesday, July 5-Friday, July 15**

# 2022 College for Kids Catalog

Art	Course Titles	Course Descriptions
	<b>Chemistry Counts</b>	Chemical reactions can be interesting and dramatic. Learn about chemistry including a historical perspective and glimpse into the future of the field. What careers require a working knowledge of chemistry and what do they do on a daily basis? Labs will be done to support the topics studied and students will be challenged to figure out how and why they work!
	<b>Civil Rights Then and Now: History and Discussion</b>	Explore the key figures and events of the Civil Rights Movement as African Americans, women, Latinos, and other groups sought to achieve political and social equality in an increasingly diverse America. Additionally, connect strategies and events from the past with important issues from today, as the march toward equality continues for many of the same groups, as well as others. For further learning and historical perspectives on this topic, consider also registering for <i>When Slavery Came to America</i> .
<b>Y</b>	<b>Commercial Art</b>	Explore commercial art through the understanding of the elements and principles of design. Also delve into the design process, from idea development through the final execution of a document. Students will explore visual identity in marketing and advertising to promote new ideas.
	<b>Computer Science: Game Designs and Animations</b>	Learn the basics of javascript within code.org and create a game within Game Lab! Also learn the basics of debugging and problem solving while creating your unique, original game. And apply this knowledge into learning more challenging javascript code to add more elements to your game designs and beyond.
<b>Y</b>	<b>Digital Design: Posters and More!</b>	Imagine and Design!!! Combine image and word to make a publication! Digital photography and publication design are combined in this creative class. Utilizing InDesign software, learn photographic, design, editing and publishing concepts, visualization terms, technical applications of design, and digital camera controls. We will take supervised photo walks on/near the Coe College campus and photograph independently. Create a poster collage and individual designs. Integration of image with text is required in this course. Students will do much of their work independently requiring responsibility, attention to directions, and a focus on the details and timelines. Students registered for this course <u>must</u> : 1) provide their own digital camera or phone camera, and 2) have the ability to transmit images from that device via email or flash drive upload. <b>Class fee: \$20</b>
<b>Y</b>	<b>Digital Master Class: Black &amp; White Photography</b>	Become a "fine art" digital photographer through black & white imagery. The programs InDesign and Photoshop will be utilized to embellish your creation. Learn to see in black, white, and all the shades of grey in between. Students will produce eight B/W final images for a fine art exhibit. Learn camera controls, photo history, image adjustment, and visualization techniques. Students will mat and display gallery worthy B/W images. The course includes photo outings near the Coe campus, and the study of legendary B/W photographers, including Ansel Adams and Pulitzer Prize winner Stanley Foreman. Everyone keeps their own digital files, mats and prints. Students must provide their own camera or cell phone for picture-taking and have the ability to transmit images from that device via email or flash drive upload. <b>Class fee: \$15</b>
	<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 2022: fetal pig, perch, earthworm, bullfrog, and available live/fresh specimens.)
<b>Y</b>	<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>Y</b>	<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.

**Legend:**

**Y** = Art classes

Early Bird classes = noted within course titles

# 2022 College for Kids Catalog

Art	Course Titles	Course Descriptions
	<b>Earthquakes and Volcanoes</b>	Some of the most interesting events that take place on Earth (and Moon) involve Earthquakes and Volcanoes. Through this course, you will learn about how plate tectonics create land formations and seismic events. Discover the different types of earthquakes, their impacts, and how seismic events are measured. Explore how volcanoes form, the wildlife that benefits from these land formations, and how communities benefit from their exploration.
	<b>Engineering Design: Develop a Card Game</b>	In this course, you will work through the engineering design process in order to create a new card game. You will select and follow certain design criteria and constraints to develop and test your product, analyze the testing results and make improvements. You can decide how you would like to develop your prototype. This may be the perfect time to practice creating your own clipart, or maybe you would prefer to use a program such as canva, and if you like to draw that is always an option as well. When your card game is complete maybe you would want to share it on Kickstarter as well! Check out how Alex started- <a href="https://www.kickstarter.com/projects/hottaco/taco-vs-burrito">https://www.kickstarter.com/projects/hottaco/taco-vs-burrito</a>
	<b>Engineering Structures with K'Nex</b> <i>Also offered during Early Bird</i>	Engineers build the pathways to our future. Simple machines are tools we use every day to make our lives easier. Let's combine the two with K'Nex and learn how to build structures to accomplish goals and challenges!
	<b>Exploring Biotechnology</b>	Ready, set, GLOW! Investigate the amazing world of biotechnology! Using hands-on labs and activities, study DNA, make microorganisms glow, and discover real-world applications of genetically modified organisms. Consider how these organisms should be used, or not used, by humans.
	<b>French: Language &amp; Culture of France &amp; Francophone Countries</b> <b>Class Cancelled</b>	"Vive la différence!" Learn basic French vocabulary including greetings, numbers, food, weather, family and pets. Share real life information, do skits with classmates and learn familiar songs! Students will also research one of the 50 francophone countries or part of countries and present to the class.
<b>Y</b>	<b>Fun with Textiles</b>	In this art class students will learn two different types of textile crafting skills, and will end the session with two projects of their own creation. During week one, students will create whimsical projects with their own handmade yarn pom-poms. In week two, students will dive into macramé and create their own unique pieces.
	<b>Genetics</b>	Explore the world of Genetics as we learn the basics of DNA, inheritance and many real-world applications. Some of our topics include twin genetics, extracting DNA from a strawberry & taking a peak at forensics. We will use models and hands-on activities to understand concepts. Become a Geneticist-in-training with us for a couple of weeks!
	<b>Geometry</b>	Are you a logical person? Do you ever wonder what it takes to prove concepts mathematically? If so, then this is the course for you. This course will be a brief introduction to many of the topics that you will see in high school Geometry. We will start with mathematical proofs and take a logical approach to solving algebra problems. If you want to practice your Algebra skills, this class will help review those concepts. We will also cover the following topics: points, lines, planes, segment addition, and shapes.
	<b>German for Beginners</b>	This course is an introduction to the German language and culture. Most of the class time is spent working on introductory conversational skills and includes the following topics: pronunciation, introductory phrases, and vocabulary that will allow students to describe themselves, their families, and their likes and dislikes. Most of the classes are conducted in German and allow the students to learn vocabulary in a natural and fun way through conversation and games.
<b>Y</b>	<b>Gridded Drawing</b> <i>Offered during Early Bird ONLY</i>	Most of us want to take an image that is small and make it BIGGER on our paper, but get frustrated because it doesn't look the same. Grid drawing is a technique that will help improve your accuracy without compromising the development of your freehand drawing in the long-term. It basically involves placing a grid over your reference photo and paper, then using that grid to assist with the placement of your drawing. Along with this technique, students will work with a variety of shading skills to help give their image form and contrast.

**Session A = Tuesday, June 21-Friday, July 1**

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

**Session B = Tuesday, July 5-Friday, July 15**

**Legend:**

**Y** = Art classes

Early Bird classes = noted within course titles

# 2022 College for Kids Catalog

Art	Course Titles	Course Descriptions
Y	<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>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, poetry and art.
Y	<b>I'd Like to Tell You a Story: Podcasting</b>	Podcasts are one of the most popular forms of media and storytelling today. You can find a podcast on nearly any topic or idea that interests you! In this course, we will explore different genres and styles of podcasts and storytelling. We will also analyze what makes an effective podcast and how storytellers and journalists captivate listeners. Throughout the course, students will apply their discoveries and create a podcast story of their own.
	<b>Introduction to Spanish</b>	Hola! In this class you will learn basic vocabulary including greetings, numbers, food, weather, family and pets. Have conversations in Spanish with your classmates. Learn familiar songs (a great way to learn a language!) and have fun! Ready to travel? Vámonos!
	<b>Japanese</b>	Japanese is an extraordinary language that has been shaped by world history. Learning Japanese is both a challenge and a really good time. It's fun and sometimes it's funny. There are three scripts and thousands of characters! The language is an amazing education in the customs, culture, and history of the country and its people. Through this class, gain a better world cultural competency, and learn to love the language as much as the instructor!
Y	<b>Let's Get to the Point: Embroidery</b> <i>Offered during Early Bird ONLY</i>	It's time to get crafty! In this early bird course we will be designing our own pictures on fabric using embroidery floss. Both cross stitch fabric and cotton will be used. 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!
Y	<b>Life Drawing</b> <i>Offered during Early Bird ONLY</i>	In this early bird art class will teach students eye-hand coordination, sharpen observational capacity, and encourage relaxation within this art medium.
Y	<b>Math 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>	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> <i>Also offered during Early Bird</i>	Math Power...is it in you? Is Math one of your favorite subjects? Have you ever been frustrated because you really wanted to know WHY, not just HOW math works? This course will provide you with an opportunity to test and stretch your mathematical skills and understandings. We will do math competition problems, logic puzzles and riddles and discuss various topics from a wide range of mathematical fields-algebra, topology, number theory, probability, trigonometry and beyond. The emphasis will be on understanding new mathematical concepts and solving problems. Most topics go beyond middle and high school curriculum but can be understood by interested middle school students. (No previous algebra experience is necessary.)
Y	<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.

Session A = Tuesday, June 21-Friday, July 1

Session B = Tuesday, July 5-Friday, July 15

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

**Legend:**

**Y** = Art classes

Early Bird classes = noted within course titles

# 2022 College for Kids Catalog

Art	Course Titles	Course Descriptions
	<b>Microscopy</b> <i>Offered during 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>Mock Trial</b>	Want to learn more about our legal system? Learn how to: analyze a criminal case, apply the law to the case, perfect your skills in writing direct and cross examinations, enter evidence, argue more objections and develop witness performances. And yes, you will take these new skills and apply them by trying a case. Will the defendant be found guilty or innocent? Your performance will help determine the verdict!
<b>Y</b>	<b>Musing with Muggles</b>	Which Hogwarts house is best? Which <i>Harry Potter</i> book was best? Should Harry have ended up with Hermione or Ginny? Aren't these burning questions you've always wanted to hash out? Join us for "Musings with Muggles" as we analyze and critique different aspects of the Harry Potter canon. Learn what makes a good debate, some logical fallacies to avoid when debating, and try choosing an opposite viewpoint than one you hold. This class will dive into some great concepts as we have fun debating!
	<b>Mythbusters</b>	It's a tough job separating truth from legend, but that is the purpose of the MythBusters. In this exciting class, students will perform hands-on experiments to test popular scientific myths and distinguish between what is real and what is fiction. Students will be guided through the scientific method to hypothesize, research, and conduct precise tests to "prove" or "bust" myths. This class helps students understand how applying the scientific method to problem-solving can be fun, exciting and really cool.
<b>Y</b>	<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 goddess 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>Native American Impacts on Iowa History</b>	Do you ever wonder who was here before you? Who may have walked the land where your house, school or town was built? Who some of the first people were to influence our state through development, food and art? In this class students will learn the roles Native Americans played in shaping Iowa history, in addition to exploring the differences amongst tribal groups within the state of Iowa. Students will have the opportunity to research and then apply their learning through poetry, drawing, Canva, etc. Come uncover the past!
<b>Y</b>	<b>Origami 101</b> <i>Also offered during Early Bird</i>	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!
<b>Y</b>	<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>	Explore the science of physics as it challenges you to think, build, and create in new ways to solve problems. Test your skills with egg drops, balloon rockets, mirror mazes, and more in this hands-on course.
	<b>Reading for Understanding... Short Stories, Memoirs &amp; More</b>	According to the author John Green, "Great books help you understand, and they help you to feel understood." In this class we will follow that logic as we better learn to read for understanding. Using a range of reading material, including nonfiction, memoirs, short stories, poems, current events and more, we will look beyond the words to identify themes, connections, the author's message and intent, and other literary elements. We will then pull all of these elements together to determine how they contribute to deeper meaning and understanding.

**Session A = Tuesday, June 21-Friday, July 1**

**Session B = Tuesday, July 5-Friday, July 15**

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



# 2022 College for Kids Catalog

Art	Course Titles	Course Descriptions
	<b>Rocket Out of This World</b>	Learn about a variety of rockets including: paper rockets, water rockets, and model rockets. We will learn about the basics of rockets and how they work. We will also build and launch a variety of different rockets.
<b>Y</b>	<b>Short Films</b>	Want to be in a film or want to direct a film? Already a movie star or a director but want to learn a bit more about how to make your movies better? This is the class for you! We will use various technology, including iPads to storyboard, film and edit short films.
	<b>Show Me the Money! Budgeting, Investing &amp; Financial Life Skills</b>	Have you ever wondered if the job of your dreams can get you what you want in the real world? Explore the life skills of money management, paying bills, saving and budgeting. Research the income required when choosing between a house or an apartment, a car or public transportation, eating out or cooking at home, as well as things like streaming services, internet and cell coverage. And how about saving for a "rainy day" fund? There are many lessons to learn and paths to take in the game of life.
<b>Y</b>	<b>Smash Journaling - Creative Writing Meets Art</b>	Journals are wonderful safe places to express your innermost feelings, revisit memories, and even have some fun. Take your journaling up a notch in Smash Journaling! Combine creative writing with artistic embellishments and memorable paraphernalia. Each day we will respond to writing prompts, from fun and quirky to emotional and meaningful. We will also use a variety of artistic tools to learn stunning painting, coloring, scrapping, and drawing techniques. This class will feel like a comfortable art/writing studio where writers can take risks, share with others, and discover more about themselves. Join us, and let your imagination take over!
<b>Y</b>	<b>Sumi-e Ink Painting</b>	Sumi-e, also called Suiboku-ga, is the art of ink wash-painting. Characteristically, it is an East Asian art, and has been practiced there for well over a thousand years. Sumi-e depicts the spirit or essence of an object or scene rather than its outward appearance — and does so in the <i>fewest</i> possible strokes. Experience the meditative practice of traditional Asian ink painting. Fundamental brushstrokes will be reviewed and insights into the "way of the brush" will be discussed.
	<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>Y</b>	<b>The Poetry Café</b>	Amanda Gorman, the nation's youngest poet laureate, gripped our country with her inaugural poem, "The Hill We Climb." She inspired us all to be better. Now, you too, can write gripping poetry at the poetry cafe. In class, we will explore all types of poetry. Some silly, some serious, and some emotional. Rhyming and not rhyming. We will conclude the class with an incredible poetry slam with you as the stars.
<b>Y</b>	<b>To "Dye" For</b>	Students will learn about ancient dyes along with western (Tye Dye) and Japanese (Shibori) dyeing techniques, while exploring color theory. During the course students will have the chance to experiment with the knowledge they are learning. Students will be given the opportunity to make a final product with the techniques and dyes of their choice. Join us for a colorful mess and create fascinating, one of a kind elemental designs for hand-dyed projects.
<b>Y</b>	<b>UPcycled Art</b>	We live in a world where many things are disposable for convenience but many of us are conscientious about the environment. In this class we will find a way to create art using things we might otherwise toss out or even recycle.
<b>Y</b>	<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.

**Legend:**

**Y** = Art classes

Early Bird classes = noted within course titles

# 2022 College for Kids Catalog

Art	Course Titles	Course Descriptions
<b>Y</b>	<b>Watercolor &amp; Beyond</b>	Learn the 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 seen what happens when you add texture.
	<b>What's Your Vector, Victor?</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. Boolean logic is the basis of computer programming—find out how much you can do using only 1s and 0s. Create programs that could help you do your math homework!
	<b>When Slavery Came to America</b>	Join us as we delve into the early history of our country from the beginning of America to the 1960s. Analyze the origins of slavery in the United States and how it impacted our country economically and racially. Students will see that our history isn't always easy to accept, but it is our history. We will get uncomfortable with the topics of American segregation, racism, and tactics for equality to ideally better understand how our country arrived at the 1960s Civil Rights Movement. For further learning and historical perspectives on this topic, consider also registering for <i>Civil Rights Then and Now</i> .
<b>Y</b>	<b>Who Tells Your Story: Creative Writing &amp; Nonfiction Workshop</b>	Do you love writing and relish the chance to discuss your work with other engaged writers? In this workshop-based class, you will have the chance to experiment with different types of creative fiction and nonfiction writing, discover and explore your own creative ideas, and collaborate in a community of writers!
<b>Y</b>	<b>Wild World of Sculpture</b> <i>Also offered during Early Bird</i>	Explore many of the possibilities of sculpture including large scale human figures, plaster hands and styrofoam creations. Use many materials that are not usually common in the typical school art room. The projects are many and very open ended!
	<b>Women in History</b>	Ralph Waldo Emerson was quoted as saying "a sufficient measure of civilization is the influence of good women." In this class we will explore women of history and their impact on America. Students will gain a deeper understanding of women who were and are trailblazers paving the way for change. What were the characteristics of these strong leaders and how can we begin to build these same skills with ourselves?
<b>Y</b>	<b>Write Like This: Children's Picture Book Workshop</b>	Bring your ideas for a children's book to life in this workshop style class. Working in a community of writers, you'll have opportunities to explore and learn from your favorite children's books before planning, crafting and illustrating a picture book of your own.

**Session A = Tuesday, June 21-Friday, July 1**

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

**Session B = Tuesday, July 5-Friday, July 15**

**Legend:**  
**Y** = Art classes  
 Early Bird classes = noted within course titles

# 2022 College for Kids Catalog

## Course Offerings per 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). Below is the listing of courses offered per class period. It is highly recommended that students have a few alternate course choices jotted down when registering, as some courses will fill up very quickly.

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.)

Session	Course Title	Period	Start	End
	<b>June 21-July 1</b>			
	<b>Early Bird: June 21-July 1</b>			
A	Early Bird-Dungeons & Dragons Level 1: Would You Like to Play a Game?	Early Bird	7:45	8:20
A	Early Bird-Engineering Structures with K'Nex	Early Bird	7:45	8:20
A	Early Bird-Gridded Drawing	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-Life Drawing	Early Bird	7:45	8:20
A	Early Bird-Math Power	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-Origami 101	Early Bird	7:45	8:20
A	Early Bird-Wild World of Sculpture	Early Bird	7:45	8:20
	<b>Period 1: June 21-July 1</b>			
A	P1-A.I.I.M. (Acting, Improv, Interpretation & Mime)	Period 1	8:30	9:37
A	P1-Acrylic Craze	Period 1	8:30	9:37
A	P1-Acting for the Stage	Period 1	8:30	9:37
A	P1-Apply for Leadership	Period 1	8:30	9:37
A	P1-Archaeology of Iowa	Period 1	8:30	9:37
A	P1-Architectural Kitchen Design	Period 1	8:30	9:37
A	P1-Civil Rights Then and Now: History and Discussion	Period 1	8:30	9:37
A	P1-Commercial Art	Period 1	8:30	9:37
A	P1-Digital Design: Posters and More!	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-Earthquakes and Volcanoes	Period 1	8:30	9:37
A	P1-Engineering Design: Develop a Card Game	Period 1	8:30	9:37
A	P1-Engineering Structures with K'Nex	Period 1	8:30	9:37
A	P1-Exploring Biotechnology	Period 1	8:30	9:37
A	P1-Fun with Textiles	Period 1	8:30	9:37
A	P1-Genetics	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-Math Power	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-Musing with Muggles	Period 1	8:30	9:37
A	P1-Mythology	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

**Session A = Tuesday, June 21-Friday, July 1**

**Session B = Tuesday, July 5-Friday, July 15**

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



**Legend:**  
**Y** = Art classes  
 Early Bird classes = noted within course titles

# 2022 College for Kids Catalog

Session	Course Title	Period	Start	End
A	P1-Reading for Understanding: Short Stories, Memoirs & More	Period 1	8:30	9:37
A	P1-Show Me the Money	Period 1	8:30	9:37
A	P1-Smash Journaling	Period 1	8:30	9:37
A	P1-The Poetry Cafe	Period 1	8:30	9:37
A	P1-To "Dye" For	Period 1	8:30	9:37
A	P1-UPCycled Art	Period 1	8:30	9:37
A	P1-What's Your Vector, Victor?	Period 1	8:30	9:37
A	P1-When Slavery Came to America	Period 1	8:30	9:37
A	P1-Who Tells Your Story: Creative Writing and Nonfiction Workshop	Period 1	8:30	9:37
A	P1-Wild World of Sculpture	Period 1	8:30	9:37
A	P1-Write Like This: Children's Picture Book Workshop	Period 1	8:30	9:37
	<b>Period 2: June 21-July 1</b>			
A	P2-A.I.I.M. (Acting, Improv, Interpretation & Mime)	Period 2	9:45	10:52
A	P2-Acrylic Craze	Period 2	9:45	10:52
A	P2-Acting the Song: Musical Theatre	Period 2	9:45	10:52
A	P2-Apply for Leadership	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-Chemistry Counts	Period 2	9:45	10:52
A	P2-Civil Rights Then and Now: History and Discussion	Period 2	9:45	10:52
A	P2-Commercial Art	Period 2	9:45	10:52
A	P2-Digital Master Class: Black & White Photography	Period 2	9:45	10:52
A	P2-Dissection	Period 2	9:45	10:52
A	P2-Dungeons & Dragons Level 2: Building the Story!	Period 2	9:45	10:52
A	P2-Earthquakes and Volcanoes	Period 2	9:45	10:52
A	P2-Engineering Design: Develop a Card Game	Period 2	9:45	10:52
A	P2-Exploring Biotechnology	Period 2	9:45	10:52
A	P2-Genetics	Period 2	9:45	10:52
A	P2-Geometry	Period 2	9:45	10:52
A	P2-Holocaust	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-Mock Trial	Period 2	9:45	10:52
A	P2-Musing with Muggles	Period 2	9:45	10:52
A	P2-Mythology	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-Reading for Understanding: Short Stories, Memoirs & More	Period 2	9:45	10:52
A	P2-Show Me the Money!	Period 2	9:45	10:52
A	P2-Smash Journaling	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-The Poetry Cafe	Period 2	9:45	10:52
A	P2-To "Dye" For	Period 2	9:45	10:52
A	P2-UPCycled Art	Period 2	9:45	10:52
A	P2-Virtual 3-D Creations	Period 2	9:45	10:52
A	P2-What's Your Vector, Victor?	Period 2	9:45	10:52

**Session A = Tuesday, June 21-Friday, July 1**

**Session B = Tuesday, July 5-Friday, July 15**

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

**Legend:**

**Y** = Art classes

Early Bird classes = noted within course titles

# 2022 College for Kids Catalog

Session	Course Title	Period	Start	End
A	P2-When Slavery Came to America	Period 2	9:45	10:52
A	P2-Who Tells Your Story: Creative Writing and Nonfiction Workshop	Period 2	9:45	10:52
A	P2-Write Like This: Children's Picture Book Workshop	Period 2	9:45	10:52
	<b>Period 3: June 21-July 1</b>			
A	P3-A.I.I.M. (Acting, Improv, Interpretation & Mime)	Period 3	11:00	12:07
A	P3-Acting for the Stage	Period 3	11:00	12:07
A	P3-Apply for Leadership	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-Being an Effective Leader	Period 3	11:00	12:07
A	P3-Chemistry Counts	Period 3	11:00	12:07
A	P3-Civil Rights Then and Now: History and Discussion	Period 3	11:00	12:07
A	P3-Digital Master Class: Black & White Photography	Period 3	11:00	12:07
A	P3-Dissection	Period 3	11:00	12:07
A	P3-Earthquakes and Volcanoes	Period 3	11:00	12:07
A	P3-Engineering Design: Develop a Card Game	Period 3	11:00	12:07
A	P3-Exploring Biotechnology	Period 3	11:00	12:07
A	P3-Fun with Textiles	Period 3	11:00	12:07
A	P3-Genetics	Period 3	11:00	12:07
A	P3-Geometry	Period 3	11:00	12:07
A	P3-Handmade Paper and Books	Period 3	11:00	12:07
A	P3-I'd Like to Tell You a Story: Podcasting	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 in Nature	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-Musing with Muggles	Period 3	11:00	12:07
A	P3-Mythology	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-Show Me the Money!	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-To "Dye" For	Period 3	11:00	12:07
A	P3-Virtual 3-D Creations	Period 3	11:00	12:07
A	P3-When Slavery Came to America	Period 3	11:00	12:07
A	P3-Write Like This: Children's Picture Book Workshop	Period 3	11:00	12:07
	<b>July 5-July 15</b>			
	<b>Early Bird: July 5-July 15</b>			
B	Early Bird-Dungeons & Dragons Level 1: Would You Like to Play a Game?	Early Bird	7:45	8:20
B	Early Bird-Engineering Structures with K'Nex	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-Life Drawing	Early Bird	7:45	8:20
B	Early Bird-Math Power	Early Bird	7:45	8:20

**Session A = Tuesday, June 21-Friday, July 1**

**Session B = Tuesday, July 5-Friday, July 15**

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

**Legend:**

**Y** = Art classes

Early Bird classes = noted within course titles

# 2022 College for Kids Catalog

Session	Course Title	Period	Start	End
B	Early Bird-Meditation, Mindfulness and Yoga	Early Bird	7:45	8:20
B	Early Bird-Microscopy	Early Bird	7:45	8:20
B	Early Bird-Origami 101	Early Bird	7:45	8:20
B	Early Bird-Wild World of Sculpture	Early Bird	7:45	8:20
	<b>Period 1: July 5-July 15</b>			
B	P1-Acrylic Craze	Period 1	8:30	9:37
B	P1-Acting for the Stage	Period 1	8:30	9:37
B	P1-Altered Books	Period 1	8:30	9:37
B	P1-Apply for Leadership	Period 1	8:30	9:37
B	P1-Architectural Kitchen Design	Period 1	8:30	9:37
B	P1-Ceramic Art	TBD		
B	P1-Computer Science: Game Designs and Animations	Period 1	8:30	9:37
B	P1-Digital Design: Posters and More!	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-Earthquakes and Volcanoes	Period 1	8:30	9:37
B	P1-Engineering Design: Develop a Card Game	Period 1	8:30	9:37
B	P1-Engineering Structures with K'Nex	Period 1	8:30	9:37
B	P1-Exploring Biotechnology			
B	P1-Fun with Textiles	Period 1	8:30	9:37
B	P1-Geometry	Period 1	8:30	9:37
B	P1-German for Beginners	Period 1	8:30	9:37
B	P1-Japanese	Period 1	8:30	9:37
B	P1-Meditation, Mindfulness and Yoga	Period 1	8:30	9:37
B	P1-Mock Trial	Period 1	8:30	9:37
B	P1-Musing with Muggles	Period 1	8:30	9:37
B	P1-Mythbusters	Period 1	8:30	9:37
B	P1-Mythology	Period 1	8:30	9:37
B	P1-Native American Impacts on Iowa History	Period 1	8:30	9:37
B	P1-Pastel Chalk and Charcoal	Period 1	8:30	9:37
B	P1-Phenomenal Physics	Period 1	8:30	9:37
B	P1-Reading for Understanding: Short Stories, Memoirs & More	Period 1	8:30	9:37
B	P1-Rocket Out of This World	Period 1	8:30	9:37
B	P1-Show Me the Money!	Period 1	8:30	9:37
B	P1-Smash Journaling	Period 1	8:30	9:37
B	P1-Watercolor & Beyond	Period 1	8:30	9:37
B	P1-What's Your Vector, Victor?	Period 1	8:30	9:37
B	P1-Wild World of Sculpture	Period 1	8:30	9:37
B	P1-Women in History	Period 1	8:30	9:37
	<b>Period 2: July 5-July 15</b>			
B	P2-Acrylic Craze	Period 2	9:45	10:52
B	P2-Acting the Song: Musical Theatre	Period 2	9:45	10:52
B	P2-Altered Books	Period 2	9:45	10:52
B	P2-Apply for Leadership	Period 2	9:45	10:52
B	P2-Architectural Kitchen Design	Period 2	9:45	10:52
B	P2-Ceramic Art	TBD		

**Session A = Tuesday, June 21-Friday, July 1**

**Session B = Tuesday, July 5-Friday, July 15**

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

**Legend:**

**Y** = Art classes

Early Bird classes = noted within course titles

# 2022 College for Kids Catalog

Session	Course Title	Period	Start	End
B	P2-Chemistry Counts	Period 2	9:45	10:52
B	P2-Computer Science: Game Designs and Animations	Period 2	9:45	10:52
B	P2-Digital Master Class: Black & White Photography	Period 2	9:45	10:52
B	P2-Dissection	Period 2	9:45	10:52
B	P2-Dungeons & Dragons Level 2: Building the Story!	Period 2	9:45	10:52
B	P2-Earthquakes and Volcanoes	Period 2	9:45	10:52
B	P2-Engineering Design: Develop a Card Game	Period 2	9:45	10:52
B	P2-Exploring Biotechnology	Period 2	9:45	10:52
B	P2-German for Beginners	Period 2	9:45	10:52
B	P2-Holocaust	Period 2	9:45	10:52
B	P2-Japanese	Period 2	9:45	10:52
B	P2-Math Power	Period 2	9:45	10:52
B	P2-Mock Trial	Period 2	9:45	10:52
B	P2-Musing with Muggles	Period 2	9:45	10:52
B	P2-Mythbusters	Period 2	9:45	10:52
B	P2-Mythology	Period 2	9:45	10:52
B	P2-Native American Impacts on Iowa History	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-Reading for Understanding: Short Stories, Memoirs & More	Period 2	9:45	10:52
B	P2-Rocket Out of This World	Period 2	9:45	10:52
B	P2-Short Films	Period 2	9:45	10:52
B	P2-Show Me the Money!	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 & Beyond	Period 2	9:45	10:52
B	P2-What's Your Vector, Victor?	Period 2	9:45	10:52
B	P2-Women in History	Period 2	9:45	10:52
	<b>Period 3: July 5-July 15</b>			
B	P3-Acting the Song: Musical Theatre – <b>JUST ADDED!</b>	Period 3	11:00	12:07
B	P3-Apply for Leadership	Period 3	11:00	12:07
B	P3-Architectural Kitchen Design	Period 3	11:00	12:07
B	P3-Being an Effective Leader	Period 3	11:00	12:07
B	P3-Ceramic Art	TBD		
B	P3-Chemistry Counts	Period 3	11:00	12:07
B	P3-Computer Science: Game Designs and Animations	Period 3	11:00	12:07
B	P3-Digital Master Class: Black & White Photography	Period 3	11:00	12:07
B	P3-Dissection	Period 3	11:00	12:07
B	P3-Earthquakes and Volcanoes	Period 3	11:00	12:07
B	P3-Engineering Design: Develop a Card Game	Period 3	11:00	12:07
B	P3-Exploring Biotechnology	Period 3	11:00	12:07
B	P3-French: Language & Culture of France & Francophone Countries - <b>CANCELLED</b>	Period 3	11:00	12:07
B	P3-Fun with Textiles	Period 3	11:00	12:07
B	P3-Geometry	Period 3	11:00	12:07
B	P3-German for Beginners	Period 3	11:00	12:07
B	P3-Handmade Paper and Books	Period 3	11:00	12:07

**Session A = Tuesday, June 21-Friday, July 1**

**Session B = Tuesday, July 5-Friday, July 15**

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

# 2022 College for Kids Catalog

Session	Course Title	Period	Start	End
B	P3-Japanese	Period 3	11:00	12:07
B	P3-Math in Nature	Period 3	11:00	12:07
B	P3-Math of Monkey Business	Period 3	11:00	12:07
B	P3-Mock Trial	Period 3	11:00	12:07
B	P3-Musing with Muggles	Period 3	11:00	12:07
B	P3-Mythbusters	Period 3	11:00	12:07
B	P3-Mythology	Period 3	11:00	12:07
B	P3-Native American Impacts on Iowa History	Period 3	11:00	12:07
B	P3-Origami 101	Period 3	11:00	12:07
B	P3-Phenomenal Physics	Period 3	11:00	12:07
B	P3-Rocket Out of This World	Period 3	11:00	12:07
B	P3-Short Films	Period 3	11:00	12:07
B	P3-Show Me the Money!	Period 3	11:00	12:07
B	P3-Smash Journaling	Period 3	11:00	12:07
B	P3-Sumi-e Ink Painting	Period 3	11:00	12:07
B	P3-Tai Chi, Martial Arts & the Power of Positive Thinking	Period 3	11:00	12:07
B	P3-Watercolor & Beyond	Period 3	11:00	12:07
B	P3-Women in History	Period 3	11:00	12:07

**Session A = Tuesday, June 21-Friday, July 1**

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

**Session B = Tuesday, July 5-Friday, July 15**