

2018 College for Kids Course Catalog

Students: When you register for College for Kids, you will be required to indicate your 6-8 favorite courses in preference order on the registration form. As you review the list below, it is a good idea to select more than 8 classes, just in case any of your favorites are already full or are no longer available at the time that you register. As a reminder College for Kids runs two concurrent nomination-based programs: the academic Enrichment program and the Art program. Students nominated for the Enrichment program may select from ALL of the courses listed below (including art classes). Students nominated for the Art program, may only select from the courses indicated with a "Y" in the Art column.

Art	June	July	Title	Description
	CK1326	n/a	Ancient China - Path to the First Emperor	Learn about early Chinese history through the end of the Warring States period. Engage in the history of China through a variety of sources and activities, including a game where you will take on the role of a Duke, vying for control of the land that will become China. Who will take the title of First Emperor? Only skill, diplomacy and luck will tell.
Y	CK1843	CK5843	Animation	Do you enjoy cartoons, Manga and Anime? Create your own three-dimensional character while simultaneously improving your drawing and sculpting skills. Explore ways to animate your character by creating the illusion of actual motion with paper.
Y	CK1867	CK5867	Anime Studies 101	Become an anime artist! Emulate great characters and evolve your own drawing techniques and artistic ability into creating your very own anime artwork. Your progress will be amazing!
	CK1601	CK5601	Arabic	Take a journey to unveil the mysteries of the Arab world. This course will introduce you to a language and a culture that is much richer than what is seen through the lens of the media. Learn to read from right to left and challenge your vocal cords, as you learn how to pronounce the Arabic alphabet and learn to converse with basic Arabic. ***Food Allergy Alert***
	CK1308	n/a	Archaeology of Iowa	Ever wonder how archaeologists know where to dig and how they figure out what rocks and bones can tell us about how people lived? Archaeologists are scientific detectives! In this class we will learn to think like archaeologists and other scientists. We will gather clues and piece them together to find out how people lived in the past. We will also try some experimental archaeology, examining and using real and replica artifacts from prehistoric Native Americans. During the second week of class we will walk through the past using hand-on activities to study the changing life styles of Native Americans in Iowa from the ice ages to contact with the first Europeans. ***Food Allergy Alert***
Y	n/a	CK5801	Architectural Design	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 to a potential client. After all, everyone knows it is the kitchen that sells the house!

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Y	CK1862	CK5862	Art Boxes	Don't miss this new College for Kids art class! Art Boxes, influenced by Surrealist artist Joseph Cornell, are 3-D assemblages of found objects that reflect a theme or over-arching idea. Themes can be personal or universal in nature. The imagery is symbolic/metaphorical and open to interpretation by the viewer. What will <i>your</i> box hold?
Y	CK1864	CK5864	Art History's Mysteries	A host of secrets are waiting to be revealed in every art museum. Untangle some of art's great mysteries as we explore how new technologies have provided groundbreaking information regarding concealed paintings, unsolved thefts, rediscovered masterpieces and murders! We'll use detective skills to unlock hidden meanings in some of the world's great masterpieces and archeological treasures.
	CK1103	CK5103	Astronomy: The Oldest & Best Science!	Astronomy is the branch of science that deals with celestial objects, space, and the physical universe as a whole. Study the solar system, stars, black holes, constellations, galaxies, and universe. Learn to use a telescope and crawl into a portable planetarium to learn constellations and the diurnal motion of the sky!
Y	CK1817	CK5817	Basket Case	Become a basket weaver! Learn basic basket weaving techniques, as you design a large beautiful basket! Bring your own embellishment to make this basket totally one of a kind and too awesome to pass up! Then transfer your weaving techniques to design your own flat reed baskets. Many colors of reed and different styles of handles will be available to accent your pieces.
Y	CK1839	CK5839	Be Weave It: Unearth the Common Thread Between Navajo & Pueblo Weaving	Explore the spirit world of the Navajo and Pueblo culture through their weavings. According to legend, Spider Woman gave them the knowledge of weaving and how to create gifts of life from their looms. Even though Navajo and Pueblo cultures evolved along different paths there remains a common thread. You will be taught how to warp your loom using one continuous thread indicative of Native American weaving. Select your weaving project based upon your perceptions of both cultures and their appeal to you. Symbolism and balance are an integral part of Native American weaving. Allow this course to deepen your thirst for knowledge along with balance and harmony.

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Y	CK1812	n/a	Black and White Film Photography	The pursuit of excellence is forefront in this course, designed for beginner or experienced photography students. We will utilize the tools of traditional silver-based black & white film and printmaking to experience being a "fine art" photographer. Students will work independently as well as in mentored situations. Each student will shoot three rolls of B/W film, and will have opportunity to learn camera controls and photography history, and visualization terms and techniques. By the end of the course, students will print, mat and exhibit gallery worthy B/W prints and create a photo series to be displayed on the final day. The course includes three on-location photo outings on and near the Coe campus (plus independent photography), four printmaking days, and the study of legendary Ansel Adams and Pulitzer Prize photographer Stanley Foreman. Participants will keep their own negatives, mats and prints. Students registered for this course MUST PROVIDE THEIR OWN WORKING 35mm FILM CAMERA. 35mm FILM CAMERAS ARE ALSO AVAILABLE FOR RENT. Detailed information regarding lab fees (\$55/student) and optional camera rental fee (\$10) will be provided when class schedules are released.
	CK1610	CK5610	Building Understanding: Middle Eastern Studies	Want to travel to the Middle East, one of the most ancient and misunderstood regions of the world? Dive in deep to understand the history, culture, politics, and current events of this part of the world and human civilization engulfed in turmoil...and return enlightened? Join us for this memorable and cultural adventure to widen your understanding of the people and world around you!
Y	n/a	CK5804	Calligraphy	Learn the ABC's of Calligraphy with a professional calligrapher! Students will learn the evolution and history of writing and italic letterform style, which is the main focus of this class - a popular choice for College for Kids students for 20+ years. Using a broad edge pen, students will learn the italic alphabet stroke by stroke. Projects will include greeting card designs, certificate design, decorative borders, and envelope art.
	CK1104	CK5104	Chemistry Counts	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! ***Food Allergy Alert***
	CK1322	CK5322	Civil Rights: Then and Now	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.

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Y	CK1866	n/a	Clay and Jewels	Express yourself through jewelry making! We will examine the idea of adornment while we design and create our own jewelry. To make this class even more unique, we will use clay as one of our nontraditional construction materials. Get ready to design!
Y	CK1806	CK5806	Decorative Papers and Handmade Books	Learn many creative ways to produce decorative papers and a variety of hand-bound books. Professional marbling pigments, inks, paints and drawing materials will be used. Final projects will incorporate unique decorative designs in the creation of books, journals and ledgers.
Y	CK1833	n/a	Digital Publications Photography	Digital photography and publication design are combined in this creative class. Utilizing InDesign software, students will be taught photographic, design, editing and publishing concepts, and will also be taught 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. Students will also study the works of other photographers and designers. By the end of the class, students will have the opportunity to create a poster collage and individual prints. Integration of image with text is required in this course. Students registered for this course MUST PROVIDE THEIR OWN DIGITAL CAMERA and FLASH DRIVE. Detailed information regarding lab fees (\$35/student to cover printing and matting) will be provided when class schedules are released.
	CK1207	CK5207	Discovering Geometry	Join us in an investigation of geometry! Discover the geometry that makes kaleidoscopes beautiful, and put it into practice. And what about lines and circles? Discover what happens when you take the ideas of lines and circles and put them on a map of city streets, in what we call "taxicab geometry".
	CK1105	CK5105	Dissection	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 2018: fetal pig, perch, earthworm, bullfrog, and available live/fresh specimens.)
	CK1508	CK5508	Drone Systems	Unmanned aircraft systems are making big news as one of the fastest growing industries for civil and commercial applications as well as for hobby flyers. This course explores how they function and how they are safely, legally, and benevolently used. You will research drone careers, laws, and models. You will also receive flight training, aerial imaging training, and mission planning with various drone models.
	CK1136	CK5136	Engineering Structures with K'Nex	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!

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	CK1134	CK5134	Exploring Biotechnology	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.
	CK1137	n/a	Exploring Climate Change: Impacts and Solutions	Do you want to learn more about one of the most pressing global issues of the 21st century? Engage in scientific concepts related to climate change through hands-on critical thinking activities. Explore a topic in greater detail and investigate potential solutions through a problem-based learning activity.
Y	CK1724	n/a	Exploring Dystopian Literature	Is it the end of the world as we know it? Get ready to dig into thought-provoking short stories about dystopian societies. Develop solutions for the societies we will explore. We may not comprehend with our minds...for our minds are limited. Therefore, we may need to use our intuition...
	CK1122	CK5122	Field Biology	This course is a unique opportunity to investigate nearby Indian Creek in Cedar Rapids/Marion as field biologists. We will travel from Coe by bus most days to collect a wide variety of data at various locations on Indian Creek. Data collected will include water quality testing, identification of aquatic species, population of aquatic species found, depth of various pools, and levels of siltation. Please dress to be outside and plan to be in knee deep water. Water shoes will be beneficial.
	CK1121	CK5121	Forensic Science	Learn the hands-on techniques that a forensic scientist would use at a crime scene or in the laboratory. Using these tools and techniques, critically investigate a mock crime scene on campus to determine the cause of the incident. These theories and methods can be expanded upon and help explain scientific thoughts in other classes throughout your academic career.
Y	CK1865	CK5865	Forming Ceramic & Fabric Figures	Design and create your own action figure, animal or doll using clay and fabric. From the planning process, to the forming and decorating - you get to decide every detail and take home your creation.
	CK1603	CK5603	French: Language & Culture of France & Francophone Countries	"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. ***Food Allergy Alert***

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	CK1329	n/a	GIS Mapping: You're so spatial!	When you look at space, you see patterns! Investigate a geographic issue and look at current and potential issues/conflicts geography can create based on population, migration, culture (language, religion, ethnicity), political boundaries and development (wealth). This is not about memorization of maps, rather, creating layers of maps to explore the geography of a place. Expand your perspective!
Y	n/a	CK5403	Graphic Design	This hands-on class is an opportunity to get creative with Photoshop and Illustrator software. Enhance your visual literacy by learning how to manipulate images and get professional results. Experience 2D and 3D design techniques and get a taste of what the career of a graphic designer is like!
Y	CK1324	CK5324	Hamilton - Who Lives, Who Dies, Who Tells Your Story	How would you want the world to learn <i>YOUR</i> story? In the Broadway hit musical, "Hamilton," history and hip-hop combine to tell the gripping and tragic tale of one of America's most influential founding fathers. Learn what inspired the writer, Lin-Manuel Miranda, to write about Hamilton in his own unique way while using your creativity to develop a musical scene or piece of art about a personal life experience or that of an historical figure in whom you are interested.
Y	n/a	CK5723	Harry Potter: Fiction, Fear & the Familiar	Riddikulus! Look at the story of Harry Potter through a researcher's lense. What does a boggart say about the human condition and fear? What are the historical lessons to be learned? So join us! Afterall...what is life without a little risk?
Y	n/a	CK5858	Historical Clay	Get ready to explore the history of clay. Don't worry, you will still get your hands dirty building some of history's most fascinating objects with the same hand building techniques used to create the originals - and some of your own imagination.
Y	CK1850	CK5850	Improvisation	And...action! Experience the power of play through acting and improvisation exercise. Use various exercises that encourage trust, communication, agreement, active listening, and character. And...scene!
Y	n/a	CK5857	Intro to Dance	Get ready to dance! Ballet, jazz, hip-hop, and contemporary -- we will learn and do it all during C4K! No experience necessary, but come dressed comfortably and ready to move! (Early Bird will focus on Ballet & Hip Hop)

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	CK1604	n/a	Intro to German	This course is a fun 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 and spelling, introductions, family, numbers, telling time, colors, body parts, clothing, meals, and facts about German speaking countries. One day will include participating in a multicultural food tasting festival with students from other World Language courses. 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. ***Food Allergy Alert***
	CK1201	CK5201	Introductory Algebra	Join us for an introduction to algebra. We will review the order of operations, positive and negative number operations, number properties, inverse operations and transformations. Learn to solve basic equations. Graphing equations will reinforce the algebra-geometry relationship.
	n/a	CK5606	Japanese	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, so you'll also learn origami, watch anime, and learn honorable customs. ***Food Allergy Alert***
	CK1411	CK5411	JavaScript Web Programming	Learn basic web programming using the JavaScript language, then use that to jump into some graphical 2D game programming using the Phaser framework. This is a challenging course, so you probably want a bit of prior programming experience (prior experience could be in any language).
Y	n/a	CK5841	Kinesiology - The Science of Movement	You are moving ALL of the time. How does your body do that? This is the place to find out! Discover the anatomy, physiology, and kinesiology of your body. Be prepared to spend time in and out of the classroom learning and exploring various activities and sports! Let's get moving!
	CK1503	CK5503	Kung Fu & the Art of Self Defense: The Ancient Practice of Tai Chi	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.

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	CK1204	CK5204	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.
	CK1303	CK5303	Mock Trial	Get a handle on our legal system! In this mock trial simulation, you will become an attorney or witness and argue your side of a case. What arguments will you present? Will the defendant be found guilty or innocent? Your performance will help determine the verdict!
Y	CK1703	CK5703	Mythology	Discover the interrelated world of mythology and how it effects the world today. Have you enjoyed Rick Riordan's books but are also somewhat confused about all the gods and goddess from Greek, Roman and Egyptian mythology? Explore and learn about mythology from many cultures, study family trees from different cultures, do an in-depth study of several mythological beings and have fun testing your knowledge at the end of the course.
Y	CK1811	CK5811	Pastel Chalk and Charcoal	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!
Y	CK1402	CK5402	Photoshop Imaging and Editing	Enter the world of computer-enhanced imagery with Photoshop. Using the preferred software of design professionals, you can open amazing possibilities for new ideas to take shape. Learn to enhance, distort, and manipulate images for creative effects and visually stunning results.
	CK1123	CK5123	Physics	Physics is all around us every day. Find out what makes objects move by learning the secrets of speed, momentum, force and energy. This hands-on course will involve the use of common objects and toys to analyze physics phenomenon. Students will have opportunities to design and build devices to solve given problems.

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Y	CK1721	CK5721	Poetry Slam	Do you love poetry of all kinds.....silly, serious, emotional, gripping etc.? If so, this fun writing course is for you. We will write and share all kinds of poetry! Our classes will conclude with an incredible POETRY SLAM with you as the stars!
	CK1202	CK5202	Problem Solving Strategies in Math	In this class we will identify and practice a variety of problem solving strategies in math. Most of the topics we cover are not in the regular text books. These strategies are great tools for the student in the classroom. This class will provide students with techniques to solve problems instead of just "being stuck".
	CK1208	CK5208	Prove It	Students planning on taking advanced geometry as freshman will benefit from this introduction to geometric proof. Using geometer's sketchpad software and logic games, students will preview the major concepts leading up to advanced proofs. By the end of the course students will begin to apply their skills in proving classic theorems.
	CK1409	CK5409	Python Programming	Create a text based game in Python. Python is a great language for starting to learn text-based programming, but it is also a very powerful language. Apply fundamental programming concepts such as variables, loops, branches, and functions.
	CK1328	CK5328	Revolution & Terror	Go back in time to when French heads rolled. Examine the causes and consequences of the French Revolution and the resulting terror that rocked the nation. Finally, recreate the drama with your very own French Revolution Puppet Show that you and your classmates will perform on our last day!
Y	CK1315	n/a	S.P.E.E.C.H.	SPEECH "Speaking, Performing, Expression, Extemporaneous, Communication, Humor" will launch your journey into the world of performing arts. We will explore various types of speech, including: group speech and individual speech, scripted and improvised acting, drama and comedy writing and scripts, speaking and listening. Be ready to get up and move every day!
	CK1708	CK5708	Sherlock Holmes or Lateral Thinking Skills Through Literature	Murder, theft and mystery explored through Doyle's wonderful Sherlock Holmes Adventures! Explore the Victorian Era and the influences on the Great Detective. Each day will include a "test" to challenge listening and decision making skills. Hands on challenges will leave students frustrated and smiling! It's elementary, my dear Watson!
Y	n/a	CK5863	Short Films	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!

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Y	CK1720	CK5720	Smash! Creative Writing Meets Art	"Smash books" are the latest in modern journaling, and combine creative writing with artistic embellishments and memorable paraphernalia, such as ticket stubs from a special event, or a photo from a magazine that triggers a memory. Using a variety of markers, gel pens, colored pencils, paint or other artistic tools, students will begin creating the ultimate personal journal. The class will not feel like a "traditional" class, but more like a comfortable art/writing studio where writers can take risks, share with others, and discover more about themselves.
	CK1611	n/a	Sociology: Training to be a Culture Spy	Become a culture spy through sociology, the study of social behavior. In this course you will learn about sociology, investigate "foreign" cultures, and begin to understand the secrets of our everyday lives.
Y	CK1837	CK5837	Ta Dye For: The Ancient Japanese Shibori Hand Dyeing Techniques	Create fascinating, one of a kind elemental designs for hand-dyed projects. Shibori is a Japanese method of dyeing cloth which dates back to the 8th century, and can be described as an intricate form of tie-dye. As a dyer, receive instruction on how to work in unison with the material, never in an effort to overcome limitations, but to allow full expression. Join us for a colorful mess!
	CK1612	n/a	Talking with a Viking	Forget what you <i>think</i> you know about Vikings! There is so much more to learn. Join this class and become knowledgeable about the Ancient Norse society and the modern accomplishments of Scandinavia. You will also learn the Norwegian language!
	CK1327	CK5327	The Art of Negotiations	Although people often think of boardrooms, suits, and million dollar deals when they hear the word "negotiation," the truth is that we negotiate all the time. For example, have you ever - Decided where to eat with a group of friends? - Decided on chore assignments with your family? - Asked your boss for a raise? These are all situations that involve negotiating! This course will give participants an understanding of the phases of negotiation, tools to use during a negotiation, and ways to build win-win solutions for all those involved.
	CK1131	CK5131	The Chemistry of Food Science	Food is critical to our survival, but have you ever considered the chemistry that goes into the production of food? This course incorporates biological sciences, chemical sciences and engineering in examining the nature of foods and the beliefs of food processing. ***Food Allergy Alert***
	n/a	CK5725	The Holocaust: Interpreting History through The Diary of Anne Frank	One of the most tragic and interesting time periods of modern culture is the Holocaust during World War II. Explore the background and rise of Nazi power, with a reading of Frances Goodrich and Albert Hackett's play adaption of The Diary of Anne Frank. Reflect on the themes and lessons of the times.

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Y	CK1813	CK5813	The Portrait in Pencil	Amaze yourself with newly found skills in portraiture. This course teaches all students how to "see" better, which is the key to drawing and general understanding of the physical and visual world around them. Through close observation of the human head, and getting rid of the engrained stereotyped ideas, students will see an amazing transformation in their drawing ability through work with the front view, profile and 3/4 view portraits.
	CK1320	n/a	The Rise and Fall of Great Empires	Why do some empires flourish while others fizzle? In this project-based course students will investigate the rise and fall of notable empires such as the Egyptians, Aztecs, Romans and more.
	CK1138	CK5138	Up, Up and Away! The World of Gases	Have you ever wondered what causes a hot air balloon to fly? Or how a candle can burn and suck up water, or cause an egg to collapse? This course will expand your knowledge of gases and how they work in chemistry, and your knowledge of the three main gas laws and how they impact our everyday lives.
	CK1607	n/a	Veni, Vidi, Vici! Latin	I came, I saw, I conquered—Julius Caesar’s famous statement about his creation of the Roman empire is one example of Latin phrases that have become part of our language and our culture. This course will introduce the structure of Latin, vocabulary as well as other famous phrases that will, ipso facto, separate you from the hoi polloi. Students will translate sentences from Latin to English and vice versa. Reading Green Eggs and Ham in Latin and a famous phrases t-shirt will capstone this course.
Y	CK1406	n/a	Virtual 3-D Creations	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.
Y	CK1816	CK5816	Watercolor Painting FUNdamentals	In this exciting watercolor painting class, students will learn the basics of this unique medium. The medium’s transparent quality allows students to create beautiful effects in a short period of time. Students will "see the light" as they explore watercolor. Whether it is capturing the wrinkles of a face in a portrait or spending time outside in Coe College’s lovely gardens painting flowers, the participant will grow in their understanding of watercolor and refine their skills in this challenging and rewarding medium.

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Y	n/a	CK5329	Words of Justice and Arts of Social Empathy: What's Your Issue?	In these tumultuous, and often unjust times, are you seeking a creative space where you can contribute your ideas to make the world a kinder, more empathetic place? Are you in need of a way to express yourself? Then this new and exciting class may just be for you! Words of Justice is designed to inspire and inform, explore and enact, social justice through words. Consider what it means to engage in a democratic society by way of creative expression through multiple ways such as storytelling, visual-arts, graphic arts, music, and other literary composition. Examine your own experiences and relationships, uncover moments of strengths, success, and possibilities, and consider how —individually and collectively— you might participate in and contribute to a message of social empathy in your community.
	CK1325	n/a	World Religions	Are religions really all that different from one another? In this course students will be exposed to the history, basic beliefs and practices of the major religions and philosophies practiced in the modern world.
Y	CK1716	CK5716	Writing Our Stories: Creative Writing and Nonfiction Workshop	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!
	CK1510	CK5510	Yoga: Using Ancient Practice to Survive Modern Times	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.

My Favorite Courses:

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9. (back-up choice)
10. (back-up choice)

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Early Bird Course Options

Early Bird Courses are optional. Held each day 7:45-8:20 a.m. for an additional fee of \$50/student. When you register, be prepared to select 2 early bird courses, and list them in preference order on the registration form.

Art	EB June	EB July	Early Bird Course Title	Early Bird Course Description
Y	CK1847EB	CK5847EB	Advanced Graphic Design	Take your graphic design skills to the next level while exploring the field of visual communication. This is a hands-on class, designed to build on your previous knowledge and experience with Adobe Photoshop and Illustrator software. Reach a higher level of visual literacy by learning advanced techniques for image manipulation. Expect professional-grade results as you delve deeper into 2D and 3D design techniques.
Y	CK1859EB	CK5859EB	Adventures in Knitting	Get ready to try old and new techniques! We will begin by exploring traditional knitting basics, next we will mix things up with finger knitting, and finally we will end the class by designing and knitting our own patterns.
Y	CK1852EB	CK5852EB	Altered Books	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 show!
Y	CK1843EB	CK5843EB	Animation	Do you enjoy cartoons, Manga and Anime? Create your own three-dimensional character while simultaneously improving your drawing and sculpting skills. Explore ways to animate your character by creating the illusion of actual motion with paper.
	CK1103EB	CK5103EB	Astronomy: The Oldest & Best Science!	Astronomy is the branch of science that deals with celestial objects, space, and the physical universe as a whole. Study the solar system, stars, black holes, constellations, galaxies, and universe. Learn to use a telescope and crawl into a portable planetarium to learn constellations and the diurnal motion of the sky!
	CK1207EB	CK5207EB	Discovering Geometry	Join us in an investigation of geometry! Discover the geometry that makes kaleidoscopes beautiful, and put it into practice. And what about lines and circles? Discover what happens when you take the ideas of lines and circles and put them on a map of city streets, in what we call "taxicab geometry".

*****Food Allergy Alert*** (Food is potentially part of this class. Please indicate if your child has a food allergy on the registration form.)**

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Art	EB June	EB July	Early Bird Course Title	Early Bird Course Description
Y	n/a	CK5857EB	Intro to Dance	Get ready to dance! Ballet, jazz, hip-hop, and contemporary -- we will learn and do it all during C4K! No experience necessary, but come dressed comfortably and ready to move! (Early Bird will focus on Ballet & Hip Hop)
Y	CK1861EB	n/a	Mandala Making	Students will learn about the cultural significance of mandalas and create their own mandalas using a variety of materials from watercolor to metal.
	CK1209EB	CK5209EB	Math Contests Practice	The more you practice, the better you become! In this class you will learn how to solve problems encountered in math contests by using actual problems from past contests. This is a great way to increase your understanding of mathematics!
	CK1108EB	CK5108EB	Microscopy	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.
Y	n/a	CK5860EB	Mini Baskets	Learn how to weave a basket....but in a mini size! Many reed colors will be available to create a unique mini basket of your own! What a fun way to develop your basket weaving skills!
Y	CK1853EB	CK5853EB	Papercraft	Discover how contemporary artists are re-presenting traditional and multicultural practices in paper manipulation, to create expressive and innovative new works of art. Students will explore such techniques as cutting, piercing, folding, weaving, quilling and collage.
Y	CK1721EB	CK5721EB	Poetry Slam	Do you love poetry of all kinds.....silly, serious, emotional, gripping etc.? If so, this fun writing course is for you. We will write and share all kinds of poetry! Our classes will conclude with an incredible POETRY SLAM with you as the stars!

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Art	EB June	EB July	Early Bird Course Title	Early Bird Course Description
	CK1607EB	n/a	Veni, Vidi, Vici! Latin	I came, I saw, I conquered—Julius Caesar’s famous statement about his creation of the Roman empire is one example of Latin phrases that have become part of our language and our culture. This course will introduce the structure of Latin, vocabulary as well as other famous phrases that will, ipso facto, separate you from the hoi polloi. Students will translate sentences from Latin to English and vice versa. Reading Green Eggs and Ham in Latin and a famous phrases t-shirt will capstone this course.
Y	CK1828EB	CK5828EB	Wild World of Sculpture	Explore many of 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!
	CK1325EB	n/a	World Religions	Are religions really all that different from one another? In this course students will be exposed to the history, basic beliefs and practices of the major religions and philosophies practiced in the modern world.
	CK1510EB	CK5510EB	Yoga: Using Ancient Practice to Survive Modern Times	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.

My Favorite Early Bird Courses (Optional):

- 1.
- 2.
3. (back-up choice)
4. (back-up choice)

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