



# 2020 Summer Youth Enrichment Program

*for students entering grades 6-12*



Registration begins February 3, 2020

[jccc.edu/youth](http://jccc.edu/youth)

TAKE **3** COURSES

SAVE **15%**

# 2020 SUMMER YOUTH PROGRAM

## Registration opens February 3

***Student being registered needs to be the child, DO NOT register the parent/guardian.***

1. Go to [ce.jccc.edu](http://ce.jccc.edu)

2. Returning Student?

- ◆ Select "Sign in"
- ◆ Enter your child's username/password
- ◆ Select "Forgot Username" or "Forgot Password" to retrieve info

3. New Student?

- ◆ Select "Create Account"
- ◆ Fill in your child's information and select "Submit"

4. To register child:

- ◆ Select "Course Search" and use search function to locate course
- ◆ Select the course once found
- ◆ Select "Add to Cart"
- ◆ Select "Continue Shopping" to search and add more courses or "Checkout" to complete registration. If registering in three or more courses the 15% discount will be applied at "Checkout"

5. Once "Checkout" is selected:

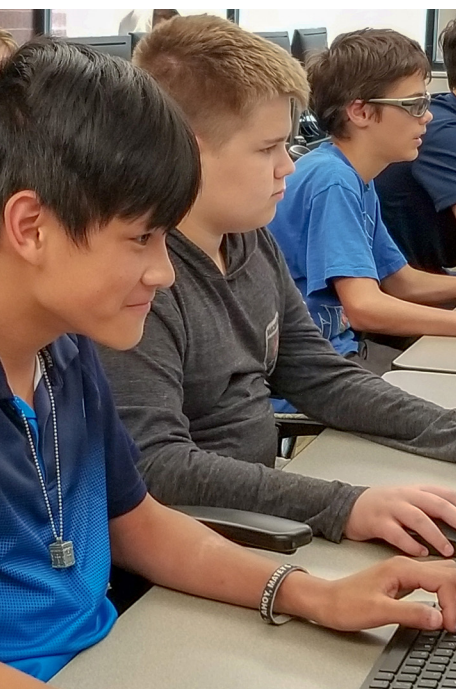
- ◆ Fill in "Required Information" questions for your child and select "Next"
- ◆ Check the "Refund Policy" box and then select "Place Order"
- ◆ Select "Pay Now"
- ◆ Enter credit card information and select "Continue"
- ◆ Registration complete page will open and you will receive an email confirmation

**If you need assistance, contact registration at 913-469-2323.**

**TAKE 3 SAVE 15%**

**RECEIVE A 15% DISCOUNT**  
when you register in three or more  
courses in a single transaction.  
*Does not include sports camps/clinics.*

Courses will fill fast.  
**Register today!**



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		Week 1   June 1-5					Week 2   June 8-12				
		M	T	W	Th	F	M	T	W	Th	F
Grades 6-7	Morning	Exploring Animal Careers YOUTH-155				Puzzles, Friends & Fun YOUTH-703					
		Young Entrepreneur YOUTH-107									
		Debate YOUTH-100-3					Debate (con't)				
	Supervised Lunch	Lunch YOUTH-900-21					Lunch YOUTH-900-22				
	Afternoon	The Brain Game YOUTH-701					STEM Problem Solving YOUTH-702				
					Whose Line...? YOUTH-430						
Music Technology & You YOUTH-400-3					Music Technology & You (con't)						
All Day (Friday)											
Grades 6-9	Morning	Creating Poetry Using Artifacts YOUTH-475					Concept Shoe Design YOUTH-001				
		Creative Design & Robotics YOUTH-500					NASA & Space Paper Projects YOUTH-602				
		Spanish Immersion I YOUTH-316					JavaScript Developer Jam YOUTH-535-1				
							Spanish Immersion II YOUTH-317				
	Supervised Lunch	Lunch YOUTH-900-21					Lunch YOUTH-900-22				
	Afternoon	Learn to Play the Harmonica YOUTH-406					Adobe Premiere Videomaker YOUTH-525				
		Of Wands & Wizards YOUTH-451-9					Children's Storybook Creation YOUTH-476				
		Paleontology Rocks! YOUTH-627					Gods of Egypt, Greece, & Rome YOUTH-252				
Public Speaking & Forensics YOUTH-102					Sharpie Shenanigans YOUTH-004						
Rocket Kart Racers YOUTH-537											
Mythology & Monsters YOUTH-262					Mythology & Monsters (con't)						
All Day (Friday)					Castle Creation YOUTH-604					Archeology & Artifacts YOUTH-261	
Grades 8-9	Morning						Business Planning YOUTH-108				Making Money This Summer YOUTH-103
						Beekeeping 101 YOUTH-609					Beekeeping 101 (con't)
	Supervised Lunch	Lunch YOUTH-900-21					Lunch YOUTH-900-22				
	All Day (Friday)					Pies for Everyone! YOUTH-204					Digital Forensics YOUTH-539
Grades 9-12	Morning						DNA Camp YOUTH-617 <i>*Grades 9-10 ONLY</i>				
	All Day (Friday)										
Grades 10-12	Morning										Making Money This Summer YOUTH-103
						Beekeeping 101 YOUTH-609					Beekeeping 101 (con't)
	All Day (Friday)					Pies for Everyone! YOUTH-204					Digital Forensics YOUTH-539

Week 3   June 15-19					Week 4   June 22-26					Week 5   June 29-Jul 2				
M	T	W	Th	F	M	T	W	Th	F	M	T	W	Th	
Rocket Science YOUTH-618					Comic Strips & Cartooning YOUTH-008									
Lunch YOUTH-900-23					Lunch YOUTH-900-24						Lunch YOUTH-900-25			
Design Squad: NASA YOUTH-628											Innovation Challenge LEGO® YOUTH-626			
Percy Jackson YOUTH-473														
										Babysitter Training YOUTH-150-6				
Archeology & Artifacts YOUTH-260					Beginner Guide to Photoshop YOUTH-012-5					Make Fortnite-Style Game YOUTH-528				
Inventor's League YOUTH-534					Creative Storytelling YOUTH-474					Duct Tape-abilities YOUTH-005				
					Maker Labs YOUTH-513									
					Mummy Mystery YOUTH-251									
Lunch YOUTH-900-23					Lunch YOUTH-900-24					Lunch YOUTH-900-25				
Intro to Graphic Design YOUTH-002-5					Create Your Own Superhero YOUTH-266					Sew Fun! YOUTH-023				
Minecraft Animators YOUTH-512					Fun with Publisher YOUTH-538									
The Art of Paper YOUTH-019					Pencils to Paintbrushes YOUTH-006-5									
					The History of Rock 'n' Roll YOUTH-405									
Advanced Castle Building YOUTH-603					Vikings & Norse Mythology YOUTH-253									
					Advanced Castle Building (con't)									
					Mythology & Monsters YOUTH-263					Paper Airplanes YOUTH-601				
Advanced Debate YOUTH-101					Handmade, Homemade Pizza YOUTH-203									
Using Final Cut Pro YOUTH-541														
Lunch YOUTH-900-23					Lunch YOUTH-900-24									
Music Technology & You YOUTH-402					Music Technology & You (con't)									
YouTube Moviemaking YOUTH-505					YouTube Moviemaking (con't)									
					Car Care Maintenance YOUTH-750-5					Basic Small Engine Repair YOUTH-751				
					Animation YOUTH-503					Animation (con't)				
Using Final Cut Pro YOUTH-541					Handmade, Homemade Pizza YOUTH-203									
Music Technology & You YOUTH-402					Music Technology & You (con't)									
YouTube Moviemaking YOUTH-505					YouTube Moviemaking (con't)									



**Registering your child in both morning and afternoon courses on the same day?**

Don't forget to add a supervised lunch option.

See page 22 for more information.

		Week 6   July 6-10					Week 7   July 13-17				
		M	T	W	Th	F	M	T	W	Th	F
Grades 6-7	Morning	Aeronautics-iFLY YOUTH-612					Engineering: Structures YOUTH-610				
		Code Breakers YOUTH-531									
	Supervised Lunch	Lunch YOUTH-900-26					Lunch YOUTH-900-27				
	Afternoon	Engineering: Electricity YOUTH-611					CSI: Forensics YOUTH-605				
		Mock Trial Experience YOUTH-154					Mock Trial Experience (con't)				
Music Technology & You YOUTH-400-4					Music Technology & You (con't)						
All Day (Friday)											
Grades 6-9	Morning	Digital Storytelling YOUTH-522					ROBLOX® Coders & Entrp. YOUTH-516				
		Social Studies of Star Wars YOUTH-264									
	Supervised Lunch	Lunch YOUTH-900-26					Lunch YOUTH-900-27				
	Afternoon	eSports Apprentice YOUTH-532					Sew Electric YOUTH-540				
		Of Wands & Wizards YOUTH-451-10					Web Cartoon Maker YOUTH-520				
The Amazing Mural Project YOUTH-011					The Amazing Mural Project (con't)						
All Day (Friday)					Pastel Techniques YOUTH-021						
Grades 8-9	Morning						Rockets & Aeronautics YOUTH-619				Breakfast Baked Goods YOUTH-205
	Supervised Lunch	Lunch YOUTH-900-26					Lunch YOUTH-900-27				
	Afternoon						Career Explorations YOUTH-153				
	All Day (Friday)										
Grades 9-12	Morning					Car Care Maintenance YOUTH-750-6					
	All Day (Friday)					Basic 3D Modeling Games YOUTH-523					Basic 3D Modeling for Games (con't) Basics of Résumés & Interview YOUTH-156
Grades 10-12	Morning						Career & College Prep YOUTH-151				Breakfast Baked Goods YOUTH-205
	Afternoon										
	All Day (Friday)										

Week 8   July 20-24					Week 9   July 27-31					Week 10   August 3-6				
M	T	W	Th	F	M	T	W	Th	F	M	T	W	Th	
Engineering: Machines YOUTH-613														
Lunch YOUTH-900-28					Lunch YOUTH-900-29						Lunch YOUTH-900-30			
The Brain Game YOUTH-701-4											Mine, Craft, Build Survival YOUTH-629			
				Babysitter's Training YOUTH-150-7										
Engineering: Machines YOUTH-613					Adv. Guide to Photoshop YOUTH-024					App Attack YOUTH-527				
Beginner Guide to Photoshop YOUTH-012-6					Advanced Robotics YOUTH-501					Digital Art YOUTH-526				
ROBLOX® Makers YOUTH-533					Virtual Reality YOUTH-518									
Superhero Studies YOUTH-265														
World Art YOUTH-020														
Lunch YOUTH-900-28					Lunch YOUTH-900-29					Lunch YOUTH-900-30				
Intro Digital Audio & Recording YOUTH-403					Minecraft Redstone Engineers YOUTH-536					JavaScript Developer Jam YOUTH-535-2				
Intro to Graphic Design YOUTH-002-6					Pencils to Paintbrushes YOUTH-006-6									
Show Me the Money YOUTH-104														
Lunch YOUTH-900-28					Lunch YOUTH-900-29									
Intro to Basic Calligraphy YOUTH-022														
Learn How to Play Guitar! YOUTH-404					Learn How to Play Guitar! (con't)									
					Lasers YOUTH-620					After Effects YOUTH-530				
					Car Care Maintenance YOUTH-750-7									
Intro to Basic Calligraphy YOUTH-022														
Intro Digital Audio & Recording YOUTH-403														
Learn How to Play Guitar! YOUTH-404					Learn How to Play Guitar! (con't)									
										After Effects YOUTH-530				
										Lasers & Optics YOUTH-621				



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See page 22 for more information.

## GRADES 6-7 MORNING

### Aeronautics — iFLY

Experience the concepts of aerodynamics and flight through classroom experiments and then top it off with a field trip to iFLY, Kansas City's Indoor Skydiving Experience. Conduct experiments, receive flight and safety training, fly in a wind tunnel, and learn all about the STEM concepts involved in flight.

**YOUTH-612-4** **\$189**  
M,Tu,W,Th Jul. 6–9 8 a.m.–noon Tim Urban

### Code Breakers

Calling all future coders, programmers and designers. Learn the basics of coding languages like HTML, JavaScript and CSS through a series of web projects and design challenges each day and be on your way to becoming the next tech star. Whether you want to be a silicon valley CEO or the student who just made \$1 million for programming in his bedroom, this course has the essentials you need to begin your journey. Projects will be available on a website to share with friends and family.

*This is a basic coding class, not recommended for those with prior coding experience.*

**YOUTH-531-2** **\$189**  
M,Tu,W,Th Jul. 6–9 8 a.m.–noon Josh Stock

### Comic Strips and Cartooning

Cartoons are not just for little kids. Tell a story, a joke or just be creative with your drawing. Look at different styles of cartooning and learn about drawing while you make your own cartoon portfolio to show to your friends.

**YOUTH-008-4** **\$149**  
M,Tu,W,Th Jun. 22–25 8 a.m.–noon Richard Kessler

### Debate

Learn research, writing, debate and presentation skills by debating issues that are relevant to you. This course will help you become better communicators! Class time will conclude with you and your classmates participating in a debate over a current issue.

**YOUTH-100-3** **\$229**  
M,Tu,W,Th Jun. 1–11 8 a.m.–noon Wendy Robinson

### Engineering Design Squad: Machines

Explore physical science and the design/engineering process. Analyze the given challenges and collaborate as a team to create cars, cranes and other machines.

**YOUTH-613-3** **\$149**  
M,Tu,W,Th Jul. 20–23 8 a.m.–noon Tim Urban

### Engineering Design Squad: Structures

You will use physical science and the design/engineering process in mechanical, civil, structural and architectural engineering projects. Work as a team to build bridges, towers and cars.

**YOUTH-610-4** **\$149**  
M,Tu,W,Th Jul. 13–16 8 a.m.–noon Tim Urban



Percy Jackson: Camp Half-Blood

### Exploring Animal Careers

Get in touch with your inner Dr. Doolittle! Have you thought about working with animals as a career? Would you like to learn dog and cat CPR and first aid? Explore some of the exciting options available in careers that involve animals.

*Field trips and guest speakers may be included.*

**YOUTH-155-3** **\$149**  
M,Tu,W,Th Jun. 1–4 8 a.m.–noon Amanda Adee

### Rocket Science

Explore the physics and design of rockets and other objects in flight. You will conduct experiments by designing and launching rockets.

*You will need at least one 2-liter bottle for your rocket.*

**YOUTH-618-3** **\$149**  
M,Tu,W,Th Jun. 15–18 8 a.m.–noon Richard Kessler

### Young Entrepreneur

Learn how to become a kidpreneur! From creation to research and building a budget, you will work to design a business model and plan that you can get your parents to invest in. You will ideate on your concepts, walk through user identification, test and then get feedback on your ideas and learn how to pitch.

*Previously titled Kidpreneur*

**YOUTH-107-2** **\$139**  
M,Tu,W,Th Jun. 1–4 8 a.m.–noon Sarah Shipley



## GRADES 6-7 AFTERNOON

### CSI – Forensics

Get ready to solve a crime! You will learn how to analyze fingerprints and DNA, how forensic scientists determine the time of death, how to review police reports and the best way to take notes at a crime scene.

<b>YOUTH-605-3</b>		<b>\$149</b>	
M,Tu,W,Th	Jul. 13–16	1–4 p.m.	Tim Urban

### Design Squad: NASA Engineering

Explore engineering activities similar to challenges NASA has to face in exploring the solar systems. Activities will include building a cardboard robotic arm and designing an airbag-landing system.

*Previously titled Space Mission: Solar System*

<b>YOUTH-628-1</b>		<b>\$149</b>	
M,Tu,W,Th	Jun. 15–18	1–4 p.m.	Tim Urban

### Engineering Design Squad: Electricity

Explore circuits and then bring innovation to life through the design/engineering process. Collaborate with your team on designing electrical projects such as a pinball machine.

<b>YOUTH-611-3</b>		<b>\$149</b>	
M,Tu,W,Th	Jul. 6–9	1–4 p.m.	Tim Urban

### Innovation Challenge with LEGO®

Use Play-Well’s massive LEGO® “junkyard” and apply real world STEM concepts to design innovative solutions for custom challenges. Launch a container over shark-infested waters, rescue an explorer stranded in the mountains, and design a car that drives upside down.

<b>YOUTH-626-2</b>		<b>\$169</b>	
M,Tu,W,Th	Jun. 29–Jul. 2	1–4 p.m.	

### Mine, Craft, Build Survival Game with LEGO®

Resourcefulness, creativity and cooperation come together in this unique building adventure game; roll the dice to mine for resources, craft tools, and watch out for Creepers! This ultimate Play-Well Minecraft experience using LEGO materials is an original game designed by Play-Well instructors, using gameplay elements and characters inspired by the popular Minecraft video game. You will have a blast learning not only engineering skills, but economics and business skills as well!

<b>YOUTH-629-1</b>		<b>\$169</b>	
M,Tu,W,Th	Aug. 3–6	1–4 p.m.	Chris Buss

### Mock Trial Experience

Be part of a courtroom drama. Learn the criminal justice system’s procedures, processes and roles so you can actively participate in a mock trial by playing judge, lawyer or witness. Speakers from related professions will appear to give their testimonies, and there’s a field trip, too!

<b>YOUTH-154-6</b>		<b>\$229</b>	
M,Tu,W,Th	Jul. 6–16	1–4 p.m.	Susan Latas

### Music Technology and You

Do you love music...and computers, too? Spend two weeks using a computer and familiarizing yourself with the software currently used to produce music. You’ll learn to operate equipment capable of recording, editing and playing back music using more than 1,500 instruments via the keyboard. Students will have the option to record live instruments or vocals.

*Course conclusion will feature a recital of student compositions.*

<b>YOUTH-400-3</b>		<b>\$229</b>	
M,Tu,W,Th	Jun. 1–11	1–4 p.m.	Victor Olvera

<b>YOUTH-400-4</b>		<b>\$229</b>	
M,Tu,W,Th	Jul. 6–16	1–4 p.m.	Victor Olvera

### Percy Jackson: Camp Half-Blood

Only fans of Percy Jackson shall apply! Join us this summer to delve deeper into the world of the Percy Jackson stories, including the world of the gods and goddesses that inspired the series. Design trading cards, costumes and more! The final day will culminate in hosting a party for other campers and parents to learn about Camp Half-Blood.

<b>YOUTH-473-3</b>		<b>\$149</b>	
M,Tu,W,Th	Jun. 15–18	1–4 p.m.	Lindsey Lasswell

### STEM Problem-Solving

Develop critical thinking, communication, assessment and inquiry skills. You will learn the engineering design process and work in teams to solve problems with hands-on learning and creativity. Fuel your curiosity and investigative interests.

<b>YOUTH-702-2</b>		<b>\$139</b>	
M,Tu,W,Th	Jun. 8–11	1–4 p.m.	Wendy Robinson

### The Brain Game

Enhance your 21st-century skills, such as critical thinking, creativity, teamwork and sportsmanship through classic board games like Chess, Risk, Mastermind and Clue and new games such as Cataan, Equate (math Scrabble), Blokus and Quirkle.

<b>YOUTH-701-3</b>		<b>\$139</b>	
M,Tu,W,Th	Jun. 1–4	1–4 p.m.	Tim Urban

<b>YOUTH-701-4</b>		<b>\$139</b>	
M,Tu,W,Th	Jul. 20–23	1–4 p.m.	Tim Urban

### Whose Line...?

Dive into the structures of improv theatre and comedy. Even if you have never acted on stage, you will strengthen your confidence and speaking skills, spark your creativity and increase your ability to think on the spot. But that is secondary, this class is all about fun.

<b>YOUTH-430-3</b>		<b>\$139</b>	
M,Tu,W,Th	Jun. 8–11	1–4 p.m.	Tim Urban



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See page 22 for more information.



App Attack

## GRADES 6-7 FRIDAY

### Babysitter's Training

Prepare yourself to be the sitter everyone wants! Learn tips to make the time fun and safe for you and the kids. Complete the formal training and receive your Red Cross Certificate.

*Bring a lunch, drink and snack to class.*

**YOUTH-150-6** **\$149**

F Jun. 26 8 a.m.–3:30 p.m.

**YOUTH-150-7** **\$149**

F Jul. 24 8 a.m.–3:30 p.m.

### Puzzles, Friends and Fun!

Get together with other fellow puzzle lovers to work on a variety of puzzles in a relaxing atmosphere. Each puzzle will highlight an important world event, musician, fad, TV show or movie which will spark group discussions and historical perspective.

**YOUTH-703-1** **\$59**

F Jun. 5 8 a.m.–noon Amanda Adee

## GRADES 6-9 MORNING

### Advanced Guide to Photoshop

Explore advanced tips, tricks and techniques used in Adobe Photoshop to alter photos you bring to class and take around campus.

*You will need to bring a smartphone or digital camera to class.*

**YOUTH-024-1** **\$149**

M,Tu,W,Th Jul. 27–30 8 a.m.–noon Cynthia Lofquist

### Advanced Robotics

Learn to program a robot to overcome daily class challenges using visual and text-based programming. See firsthand how your program translates into action as you attempt to control your robot sensors and maneuver around obstacles. Apply different coding concepts while using the scientific method to formulate, observe, experiment, test and modify your robot.

**YOUTH-501-3** **\$189**

M,Tu,W,Th Jul. 27–30 8 a.m.–noon Josh Stock

### App Attack

Take the first steps into the world of mobile app design and customize your own game app. Using a specialized app and game development tool, you will explore the world of web-based (HTML5) mobile apps. In addition to learning the basics of mobile app design and game development, you will also see firsthand how the world of app publishing functions. Student-created apps will be accessible on a private site and can be played on any mobile device or computer.

*No prior experience is necessary and you do not need to own a smartphone or tablet to take the class.*

**YOUTH-527-2** **\$189**

M,Tu,W,Th Aug. 3–6 8 a.m.–noon Linden Stirk

### Archeology and Artifacts Lab

Get an introduction to the field of archeology. You will be using your observation skills to study various artifacts and interpret their historical significance. If you love history and antiques this is for you!

**YOUTH-260-3** **\$139**

M,Tu,W,Th Jun. 15–18 8 a.m.–noon Keil Hileman

### Battle Royale: Make Your First Fortnite®-Style Video Game

Fans of Fortnite® we need you! Instead of playing the game, design your own. Using a professional 3D game development software, build levels and assets inspired by popular Battle Royale games like Fortnite. This course includes cartoonish action and battle sequences.

**YOUTH-528-3** **\$189**

M,Tu,W,Th Jun. 29–Jul. 2 8 a.m.–noon Chris Buss

### Beginners Guide to Photoshop

From basic workflow to amazing tips and tricks you will learn the tools to develop your image making skills.

*You will need to bring a smartphone or digital camera to class.*

**YOUTH-012-5** **\$149**

M,Tu,W,Th Jun. 22–25 8 a.m.–noon Cynthia Lofquist

**YOUTH-012-6** **\$149**

M,Tu,W,Th Jul. 20–23 8 a.m.–noon Cynthia Lofquist

## Concept Shoe Design

Concept designs are hot in cars, furniture, tech, etc. and shoes are no exception. While exploring the elements and principles of design, let your imagination take you beyond the confines of sneakers and delve into the exciting possibilities of footwear. Use recycled and new materials to create your own line of fabulous shoes.

*Bring a blank canvas-type shoe (ex. Keds®, Converse® or similar styles).*

**YOUTH-001-3** **\$149**  
M,Tu,W,Th Jun. 8–11 8 a.m.–noon Jessica McLaughlin

## Creating Poetry Using Artifacts from World History

You will be able to touch, study and analyze real historical artifacts and use them as inspiration for writing the following types of poetry: Sonnet, Haiku, Villanelle, Sestina, Acrostic, Ekphrastic Poetry, Concrete Poetry, Elegy, Epigram, Limerick, Ballad, Epitaph, Tanka and Free Verse. Have direct access to coins from ancient Rome, slave shackles, ancient Chinese coins, Civil War bullets, dinosaur fossils, Revolutionary War silver buttons and much more. If you love to write and be creative, this class will inspire your imagination.

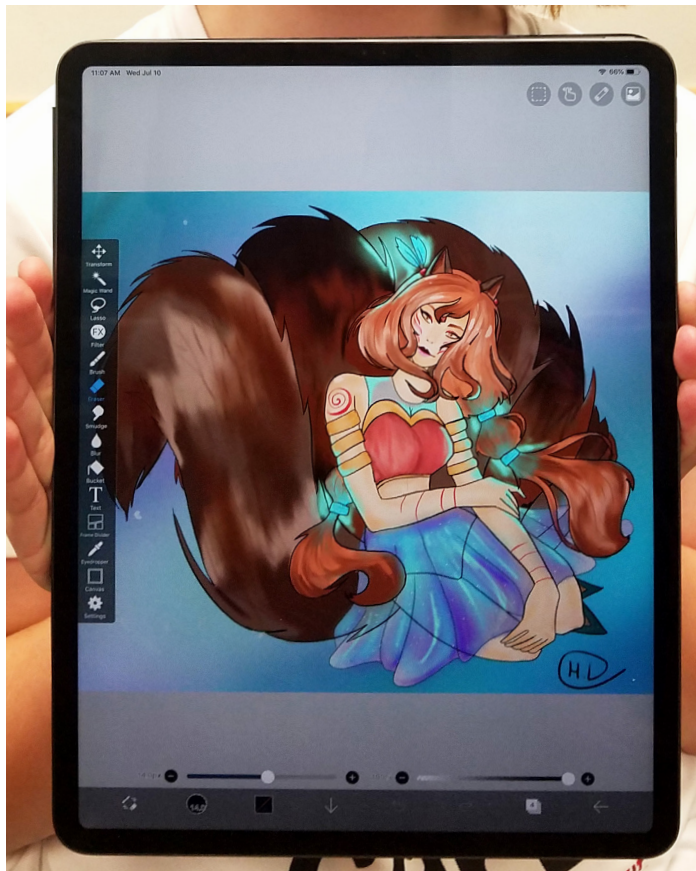
**YOUTH-475-1** **\$139**  
M,Tu,W,Th Jun. 1–4 8 a.m.–noon Keil Hileman

## Creative Design and Robotics

The world of the future belongs to...robots! In this cutting-edge class you will learn the fundamentals of motorized mechanisms, design principles, sensors and sound activation. Separate fact from fantasy by designing and building prototypes of task-oriented robots. Learn problem-solving to improve how your robots function in a series of design challenges!

**YOUTH-500-4** **\$189**  
M,Tu,W,Th Jun. 1–4 8 a.m.–noon Josh Stock

*Digital Art*



## Creative Storytelling Using Real Artifacts

Use your imagination to tell, write, edit and/or print short stories based on historical artifacts. Learn the power of stories combined with the inspiration real historical artifacts provide. Focus will be on free-flowing ideas rather than grammar, spelling and writing rules.

*Previously titled Creative Writing Using Real Artifacts*

**YOUTH-474-1** **\$139**  
M,Tu,W,Th Jun. 22–25 8 a.m.–noon Keil Hileman

## Digital Art

With digital art anything is possible! You will use Adobe CC to construct digital artworks. Build a collage using found images, make a poster with an imaginary landscape, or design your own animation.

**YOUTH-526-1** **\$149**  
M,Tu,W,Th Aug. 3–6 8 a.m.–noon Cynthia Lofquist

## Digital Storytelling

Storytelling has always been a significant part of history, but the means through which the stories have been told has evolved with each civilization. Digital stories allow you to take a linear series of events and turn them into a multidimensional experience.

*Bring a smartphone or tablet with video and still camera capabilities, headphones and a USB cable for the phone/tablet.*

**YOUTH-522-3** **\$189**  
M,Tu,W,Th Jul. 6–9 8 a.m.–noon Jim Hopper

## Duct Tape-abilities

From function to fashion, use duct tape to create bags, wallets, organizers and more. Design a line and look at what other young people are doing on the business side of creating and selling duct tape products.

**YOUTH-005-3** **\$149**  
M,Tu,W,Th Jun. 29–Jul. 2 8 a.m.–noon Jessica McLaughlin

## Inventors' League – Prototyping for the Future

Become an inventor of the future. Learn “rapid prototyping” and problem-solving as you conceptualize and design a product to solve a critical global issue. Each day begins with inspirational profiles of young inventors, such as the 11-year-old who coded a robot to find victims of natural disasters. Next, research a problem to tackle in medicine, architecture, the environment, or a topic of your choosing. Once your vision is complete, you'll draft 2D designs, create 3D models, and develop a website to pitch your ideas to the class.

**YOUTH-534-1** **\$189**  
M,Tu,W,Th Jun. 15–18 8 a.m.–noon Ariel Jankord

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courses in a single transaction.



## JavaScript Developer Jam

Get familiar with programming tools so powerful they seem like magic. Start by learning an array of core programming concepts with JavaScript by experimenting in a series of digital challenges. Program your first animated memes, then tackle more advanced skills such as interactive 3D experiences and game creation.

**YOUTH-535-1** **\$189**  
M,Tu,W,Th Jun. 8–11 8 a.m.–noon Whitney Bandel

## Maker Labs: Make Your First 3D Creation

Calling all who want to be the designers of the future! If you can dream it, you can make it—create your first action figure, design custom jewelry or make a new toy. Learn how to prepare a model for 3D printing, and create a design portfolio to showcase your work. Using professional-level modeling software, you will sculpt, texture and render your own 3D creation.

*No prior experience is necessary. 3D designs will be available on a password-protected website to share with friends and family.*

**YOUTH-513-4** **\$189**  
M,Tu,W,Th Jun. 22–25 8 a.m.–noon Josh Stock

## Mummy Mystery

Study the process of mummification in ancient Egypt, the Egyptian religion, and tombs and their treasures. Mummies from around the world will be presented as will mummies in the movies. Activities include a mummification experiment, crafting your own Canopic jar, making Egyptian amulets and more! This camp is taught by Kansas City's only Egyptologist.

*This course covers the topic of body preservation after death and includes some images of historical mummies. Such images are presented respectfully and in order to educate students about mummification and world cultures.*

**YOUTH-251-3** **\$149**  
M,Tu,W,Th Jun. 22–25 8 a.m.–noon Stacy Davidson

*Social Studies of Star Wars*



## NASA and Space Exploration Using Paper Model Projects and Creations

Examine and study space exploration and create and play with space models that you make with paper, glue, scissors, colored pencils and markers. Use a computer lab at the start of each class to choose and print models to build. You can build a new and creative model each day, or work on one large display during the week.

**YOUTH-602-3** **\$139**  
M,Tu,W,Th Jun. 8–11 8 a.m.–noon Keil Hileman

## ROBLOX® Coders and Entrepreneurs!

Discover how to code in the Lua language while you play and design worlds in ROBLOX®. Combine game design concepts, coding and fun! You will also learn how to navigate Roblox's fast-growing marketplace to publish your games.

**YOUTH-516-2** **\$189**  
M,Tu,W,Th Jul. 13–16 8 a.m.–noon Josh Stock

## ROBLOX® Makers

Unlock the power of ROBLOX® Studio, the world creation tool used by real-world ROBLOX® developers! Learn how to build 3D models and create an adventure in your ROBLOX® world. Bring characters to life with unique animations you design.

**YOUTH-533-3** **\$189**  
M,Tu,W,Th Jul. 20–23 8 a.m.–noon Heather Buss

## Social Studies of Star Wars

Have you ever analyzed the saga from a social studies perspective? Review the mythology of Star Wars, the effect of the films on economics, and the expansion into other mediums such as books and video games. Learn about the hero epic and other tropes that run throughout the saga and how those tropes resonate throughout other creative endeavors you like.

**YOUTH-264-3** **\$149**  
M,Tu,W,Th Jul. 6–9 8 a.m.–noon Brandon Bishop

## Spanish Immersion I

Learn Spanish fast and effectively, using daily life Spanish phrases and idiomatic expressions. Immerse yourself in a truly authentic Spanish conversation. Learn functional grammar easily through an original motivational method that incorporates updated strategies and techniques.

**YOUTH-316-3** **\$139**  
M,Tu,W,Th Jun. 1–4 8 a.m.–noon José Guerra

## Spanish Immersion II

Be immersed in the Spanish language, learning and using functional grammar, vocabulary development, word pronunciation and common phrases.

*This class is a continuation of Spanish Immersion I.*

**YOUTH-317-2** **\$139**  
M,Tu,W,Th Jun. 8–11 8 a.m.–noon José Guerra



**Registering your child in both morning and afternoon courses on the same day?**

Don't forget to add a supervised lunch option.

See page 22 for more information.



## Superhero Studies: Beneath the Mask

What makes superheroes so popular? The recent success of superhero films has a long and fascinating history behind it. Explore the historical origins of America's most beloved superheroes: Superman, Batman, Captain America and more! This course will have a distinct social studies focus. Answer such important questions like: Why did superheroes develop when they did? What does our love of superheroes reveal about American culture? How does history intertwine with the superhero genre? What do mythology and superheroes have in common? How does storytelling impact society?

**YOUTH-265-1** **\$149**  
M,Tu,W,Th Jul. 20–23 8 a.m.–noon Brandon Bishop

## Virtual Reality: The Future is Now

Embark on an epic adventure in virtual reality! Learn the foundations of VR design by creating your own virtual worlds, exploring simulated environments, and crafting memorable 3D experiences. Take home your first cardboard VR headset to show friends and family the new worlds you created. VR projects can be viewed on a website or a mobile device.

*You do not need a mobile device to take the class, but to use the VR headset at home you will need access to an Android or Apple mobile device.*

**YOUTH-518-5** **\$189**  
M,Tu,W,Th Jul. 27–30 8 a.m.–noon Chris Buss

## World Art

Explore the cultures of the Plains Indians, China, Japan, India, Africa, and Aboriginal Australia through objects, books and digital audiovisual media. Let your inspiration guide you as you make your own world art. Learn block print and wax resist dye techniques to make African Adinkra and indigo cloth, as well as an India inspired block print. You will also create a Chinese landscape, Native American parfleche bag and war shield, and Aboriginal-style painting.

**YOUTH-020-1** **\$149**  
M,Tu,W,Th Jul. 20–23 8 a.m.–noon Jana Evans

## GRADES 6-9 AFTERNOON

## Adobe Premiere Videomaker

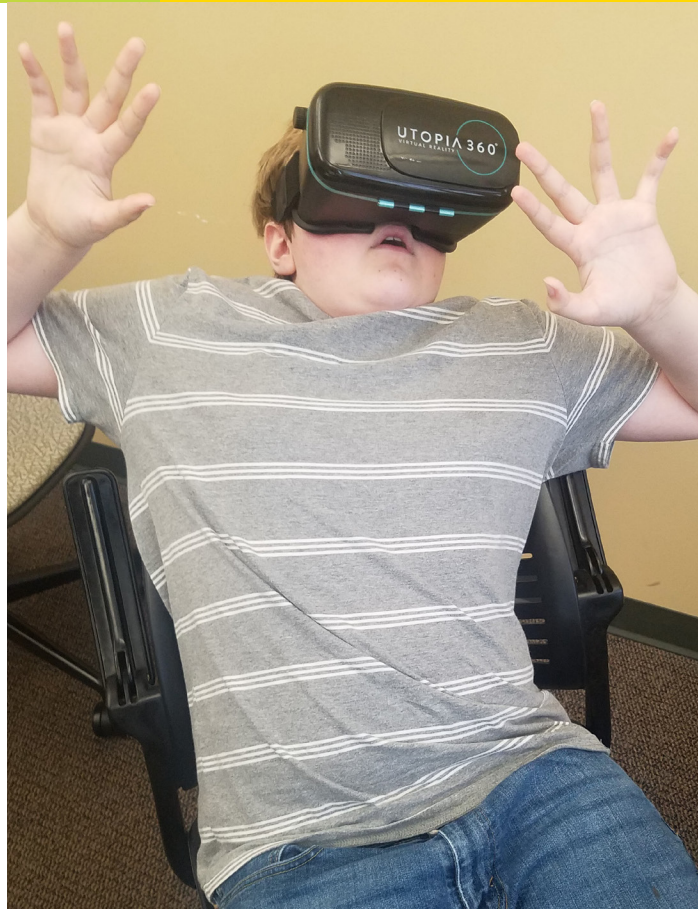
Are you interested in learning how to video edit with a powerful software? Experiment with Adobe Premiere and create a short video. Learn how to use a green screen, freeze a frame, do picture in a picture and so much more.

**YOUTH-525-2** **\$169**  
M,Tu,W,Th Jun. 8–11 1–4 p.m. Denise Spotts

## Advanced Castle Building

Cross the drawbridge and travel back in time to study, design and build medieval castles. You'll view video clips from History, Learning and Discovery channel shows that feature castles and the rules of engagement for Middle Age warfare. Examine working catapults and build paper castles. And if that's not enough, you will create your own unique castle using advanced LEGO® and Mega® Blocks castle building sets. Class will conclude with the study and viewing of the myth, *LadyHawke*. It's best to do research before class starts such as checking out library books regarding Middle Age castles and printing pictures and articles from the internet. So, what are you waiting for?

**YOUTH-603-3** **\$229**  
M,Tu,W,Th Jun. 15–25 1–4 p.m. Keil Hileman



*Virtual Reality: The Future is Now*

## Children's Storybook Creation

Write and illustrate your own children's story. Examine published children's books to look at craft and layout. Have the opportunity to not only write your story, but lay out your story, create images, and create a cover. Go through the formal writing process: brainstorming, drafting, revising and publishing so you will have a final product you will be proud to share!

**YOUTH-476-1** **\$149**  
M,Tu,W,Th Jun. 8–11 1–4 p.m. Kendra Preston

## Create Your Own Superhero and Supervillain

Why have superheroes captivated the hearts of Americans? Learn the history of the masked avengers, the psychology behind their design, and use that to create your own modern day superhero/supervillain duo! Create a superhero and supervillain trading card to showcase their powers and character traits.

**YOUTH-266-1** **\$149**  
M,Tu,W,Th Jun. 22–25 1–4 p.m. Kendra Preston

## eSports Apprentice— YouTube® Streamers and Gamers

Whether you want to be the next pro gamer, streamer or gamecaster, we'll teach you the basics to get started! No longer just a hobby, eSports is the fastest growing career for the next generation. Over 400 million people watched YouTube videos and Twitch streams of video game competitions this year alone! Students will develop competitive game-play skills in Black Rocket's new eSports app, learn how to produce commentary for live tournaments, use professional streaming software, and most importantly practice online safety.

**YOUTH-532-3** **\$169**  
M,Tu,W,Th Jul. 6–9 1–4 p.m. Ariel Jankord

## Fun with Publisher

Microsoft Publisher can be used for so many fun projects. Learn how to insert shapes and pictures, format, change and download fonts, use layering, set up a project, use shapes to recreate pictures and appropriately resize pictures. Create bookmarks, coasters, hanging CDs and other inspired objects.

**YOUTH-538-1** **\$169**  
M,Tu,W,Th Jun. 22–25 1–4 p.m. Kelley Perrin

## Gods of Egypt, Greece and Rome

Discover history, geography, religion, art, anthropology, literature, theater and music as you compare and contrast the mythologies of Egypt, Greece and Rome as well as create your own mythological artwork. Emphasis will be placed on the influence of classical mythology on Western Civilization. You will also have a chance to rewrite and perform an ancient myth.

**YOUTH-252-3** **\$149**  
M,Tu,W,Th Jun. 8–11 1–4 p.m. Stacy Davidson

## Intro to Digital Audio and Recording

Designed to further develop skills acquired in Music Technology and You. Practice using ProTools digital audio software to record, edit and play back music. Learn basic concepts of audio editing and create recordings of your own music.

*Prior attendance of Music, Technology and You or ProTools experience required.*

**YOUTH-403-3** **\$139**  
M,Tu,W,Th Jul. 20–23 1–4 p.m. Victor Olvera

## Introduction to Graphic Design

You and your friends love to express yourselves, and are designers by nature whether you're making posters for school, deciding what to hang in your rooms or creating personalized notebook covers. Every day you are surrounded by visual communication. Learn about the elements of graphic design, including function, color, typography and much more!

**YOUTH-002-5** **\$149**  
M,Tu,W,Th Jun. 15–18 1–4 p.m. Jessica McLaughlin

**YOUTH-002-6** **\$149**  
M,Tu,W,Th Jul. 20–23 1–4 p.m. Jessica McLaughlin

## JavaScript Developer Jam

Get familiar with programming tools so powerful they seem like magic. Start by learning an array of core programming concepts with JavaScript by experimenting in a series of digital challenges. Program your first animated memes, then tackle more advanced skills such as interactive 3D experiences and game creation.

**YOUTH-535-2** **\$169**  
M,Tu,W,Th Aug. 3–6 1–4 p.m. Whitney Bandel

## Learn to Play the Harmonica

Have fun learning the harmonica. You will learn how to play a song the first day and by the end of the week you will be blowing up a storm. You do not have to know how to read music to take this course.

*Bring a 10-hole diatonic harmonica in the key of C.*

**YOUTH-406-3** **\$139**  
M,Tu,W,Th Jun. 1–4 1–4 p.m. Harvey Fitzer



Advanced Castle Building

## Minecraft® Animators

Bring your favorite Minecraft® characters to life in an animated short film. Learn how studios like Pixar and Disney make movies like *Inside Out* and *Frozen* by using techniques like key framing, tweening, texturing and animating rigged 3D models. Your projects will be available on a password-protected website to share with friends and family.

*You do not need to own a Minecraft® account to use the software in this class. Mac users can play their project at home, but will not be able to edit the project without a PC.*

**YOUTH-512-4** **\$169**  
M,Tu,W,Th Jun. 15–18 1–4 p.m. Chris Buss

## Minecraft® Redstone Engineers

Take the next step beyond simply "playing" Minecraft and become a true Redstone engineer. Expand your Redstone knowledge by constructing your own carnival with a variety of mini-games, roller coasters and attractions powered by Redstone. Learn how to use Command and Structure blocks to incorporate them into your builds. Activate your skills and take your Minecraft structures to the next level!

*Students must own a Java version of Minecraft to access their projects at home.*

**YOUTH-536-1** **\$169**  
M,Tu,W,Th Jul. 27–30 1–4 p.m. Josh Stock

## Mythology, Myths and Monsters

Explore the history and origins of some of your favorite stories from history. We will watch video clips, study books and models and create our own mythological creatures using what we have learned.

**YOUTH-262-3** **\$229**  
M,Tu,W,Th Jun. 1–11 1–4 p.m. Keil Hileman



## Of Wands and Wizards

Get inspired by the Harry Potter book series by J.K. Rowling and the accompanying movie franchise. After being sorted into houses, you and your classmates will complete coursework in charms, potions, defense against the dark arts, the history of magic and more. Activities include making a wand, writing spells on "parchment," crafting a house pennant, and designing a 5th House for Hogwarts. The instructor will share photos from her visit to the Harry Potter Studio Tour in Leavesden, UK, as well as highlight the influence of Latin and Greek on J.K. Rowling's character and spell names.

**YOUTH-451-9** **\$149**

M,Tu,W,Th Jun. 1-4 1-4 p.m. Stacy Davidson

**YOUTH-451-10** **\$149**

M,Tu,W,Th Jul. 6-9 1-4 p.m. Stacy Davidson

## Paleontology Rocks!

Ever wonder if there are fossils in your yard? Why a rock is not a gem? What came first, the chicken or the egg? In a partnership with the Museum of Prairiefire, here's your chance to explore the world like never before and find answers to these burning questions and so much more! Dig into natural history through authentic, hands-on exploration of fossils, rocks and gems, insects and more in our hands-on camp. You will dig up fossils that you can keep, collect and pin insects, and grow your own minerals! Completion of this course gives you eligibility to participate in the Museum's Discover the Field Camp Out in central Kansas taking place Jun. 13-14.

*Find out more information about the Camp Out and additional Discover Camp classes at [visithemap.org](http://visithemap.org).*

**YOUTH-627-2** **\$139**

M,Tu,W,Th Jun. 1-4 1-4 p.m.

*Pencils to Paintbrushes*



## Pencils to Paintbrushes

Do you like to draw and paint? You will do both working with a wide variety of materials, including some unusual and nontraditional approaches! Learn about the elements of line, color, shape, expression and composition as you capture on paper both what you see and what is in your imagination.

**YOUTH-006-5** **\$149**

M,Tu,W,Th Jun. 22-25 1-4 p.m. Jessica McLaughlin

**YOUTH-006-6** **\$149**

M,Tu,W,Th Jul. 27-30 1-4 p.m. Jessica McLaughlin

## Public Speaking and Forensics

Learn public speaking techniques and then move into forensics, which will include persuasive, informative and historical speeches. Each day will be filled with fun drama and improv games. Captivate your audience with your speaking and performing skills!

**YOUTH-102-3** **\$139**

M,Tu,W,Th Jun. 1-4 1-4 p.m. Wendy Robinson

## Rocket Kart Racers: Design a Mario Kart® Style Game

On your marks, get set, create. Blast off in making your first 3D Mario Kart® and Crash Team Racing® style game! Design your own tracks and customize your karts and characters. Using a professional 3D game development software, you will combine your creations with others into your own kart racing game that you can play with friends and family at home.

**YOUTH-537-1** **\$169**

M,Tu,W,Th Jun. 1-4 1-4 p.m. Heather Buss

## Sew Electric

You will complete a variety of DIY projects that combine fabric, electronics and programming. Learn to sew and build circuits as you design and construct projects using electronic textiles.

**YOUTH-540-1** **\$169**

M,Tu,W,Th Jul. 13-16 1-4 p.m. Whitney Bandel

## Sew Fun!

Learn to sew basic stitches, how to cut out patterns, and how to sew a button on. You will make a drawstring bag and a cute animal pillow.

*Class is geared toward students with little to no sewing skills and those who have intermediate sewing skills.*

**YOUTH-023-1** **\$149**

M,Tu,W,Th Jun. 29-Jul. 2 1-4 p.m. Emily Philgreen

## Sharpie Shenanigans

Make your mark using permanent markers and other art mediums to explore the real and abstract world of art.

**YOUTH-004-2** **\$149**

M,Tu,W,Th Jun. 8-11 1-4 p.m. Jessica McLaughlin

## Show Me the Money

Look at planning your future based on career, income and debt in order for you to live how you want. Explore education options for your desired occupation, learn about income levels that will pay for your lifestyle, and figure out how to prepare for unexpected costs and dream vacations. It's never too early to plan ahead.

**YOUTH-104-4** **\$139**

M,Tu,W,Th Jul. 20-23 1-4 p.m. Richard Kessler

## The Amazing Mural Project

Have you ever wanted to produce a public piece of art? Art impacts communities and reusing materials helps the environment. Work with a group to generate a theme, promote ideas to the College, create a large scale mural out of bottle caps saved from the landfill and install final artwork in a designated space. Names and additional information about the mural will be listed beside the mural. This is truly a unique opportunity to be a part of something amazing.

**YOUTH-011-2** **\$249**  
M,Tu,W,Th Jul. 6–16 1–4 p.m. Jessica McLaughlin

## The Art of Paper

Paper crafting is a fun, creative and inexpensive medium that can be done anywhere. You will develop your origami skills, design roller coasters, take part in challenges with your fellow students, and much more (minus the papercuts).

**YOUTH-019-2** **\$149**  
M,Tu,W,Th Jun. 15–18 1–4 p.m. Jessica Sadler

## The History of Rock 'n' Roll

Take a trip through time and have fun learning about the history of rock 'n' roll from the 1950s through the grunge era! We will listen to music and watch videos to learn about some of the greats of rock 'n' roll. Discover why the greats were special in that time and continue to be an influence on today's artists.

**YOUTH-405-2** **\$139**  
M,Tu,W,Th Jun. 22–25 1–4 p.m. Harvey Fitzer

## Vikings and Norse Mythology

Learn about the history, culture and mythology of the Vikings. Topics include: Norse Mythology, runes, Viking boats, sagas, exploration, the influence of the Norse language on English, and Vikings in popular culture.

**YOUTH-253-2** **\$149**  
M,Tu,W,Th Jun. 22–25 1–4 p.m. Stacy Davidson

## Web Cartoon Maker

Using the language of C++ via Web Cartoon Maker you will create a full-length animated movie in AVI format which can be converted to DVD or Blu-ray or uploaded to YouTube in HD format. Design your own characters, images and sounds or use the existing templates.

**YOUTH-520-3** **\$169**  
M,Tu,W,Th Jul. 13–16 1–4 p.m. Denise Spotts

TAKE **3** SAVE **15%**

RECEIVE A **15% DISCOUNT**  
when you register for three or more  
courses in a single transaction.

## GRADES 6-9 FRIDAY

### Archeology and Artifacts Lab (Fri. Only)

Get an introduction to the field of archeology. Use your observation skills to study various artifacts and interpret their historical significance. You will clean ancient Roman coins and learn about specific pieces of history to share with your family and friends at the end of the day. If you love history and antiques this is for you!

*This is a consolidated version of the Monday through Thursday class. Bring a lunch and a drink to class.*

**YOUTH-261-3** **\$79**  
F Jun. 12 8 a.m.–4 p.m. Keil Hileman

### Mythology, Myths and Monsters (Fri. Only)

Explore the history and origins of some of your favorite stories from history. We will watch video clips, study books and models and create our own mythological creatures using what we have learned. You will also create the story or myth behind your creature to share with your family and friends at the end of the day.

*This is a consolidated version of the Monday through Thursday class. Bring a lunch and a drink to class.*

**YOUTH-263-3** **\$79**  
F Jun. 19 8 a.m.–4 p.m. Keil Hileman

### Pastel Techniques

Create still life and landscape drawings and paintings using pastels. Learn the basics of blending, scumbling and feathering to add layers to your works of art.

*Bring a lunch and drink to class.*

**YOUTH-021-1** **\$79**  
F Jul. 10 8 a.m.–3 p.m. Jana Evans

### Ultimate Castle Creation

Have fun planning, designing and experimenting with hundreds of soldiers and Schleich Castle toys. As a class you will display and create one giant castle with more than 14 towers and 600 soldiers.

*Bring a lunch and drink to class.*

**YOUTH-604-3** **\$79**  
F Jun. 5 8 a.m.–4 p.m. Keil Hileman

### Ultimate Paper Airplanes and Things That Fly

Examine, study, create and play with flying paper airplanes that can be created using paper, glue, scissors, colored pencils and markers. Build multiple new models during the course of the day. All student-created models are the property of each student and able to be taken home at the end of the day. As weather permits we will have flight contests outside and from the second- and third-story balconies in the Carlsen Center.

*Bring a lunch and a drink to class.*

**YOUTH-601-3** **\$79**  
F Jun. 26 8 a.m.–4 p.m. Keil Hileman





Rockets and Aeronautics—iFLY

## Using Final Cut Pro to Make Great Videos

Anyone can make bad, boring videos, but you want to make great videos! Discover fun and easy video shooting techniques that will wow your friends. Learn simple editing techniques using Final Cut Pro. Finally, you will use JCCC's broadcast studio to show off your work!

**YOUTH-541-1** **\$159**  
 M,Tu,W,Th Jun. 15–18 8 a.m.–noon Steve Cortez

## GRADES 8-9 AFTERNOON

## Career Explorations—You Can Do (Almost) Anything

Explore possible career fields for your future. This program includes the Myers-Briggs Type Indicator assessment that will help you identify areas of potential interest for future classes, colleges and careers.

**YOUTH-153-3** **\$169**  
 M,Tu,W,Th Jul. 13–16 1–4 p.m. Jennifer Schmidt

## Introduction to Basic Calligraphy

Learn the fundamentals of calligraphy, including how to hold the pen, using ink, and the basic letter construction of two to three different calligraphic alphabets.

*Class is designed for those who have little or no experience doing broad pen calligraphy.*

**YOUTH-022-1** **\$149**  
 M,Tu,W,Th Jul. 20–23 1–4 p.m. Peter Noth

## Learn How to Play Guitar!

Learn how to play the guitar with Harvey Fitzer, JCCC professor of music. You'll get an introduction to the art of guitar playing and basic skills such as reading music, playing melodies, playing basic chords, using different strumming patterns, tuning a guitar and fingerpicking.

*Bring a guitar to class.*

**YOUTH-404-4** **\$219**  
 M,Tu,W,Th Jul. 20–30 1–4 p.m. Harvey Fitzer

## Music Technology and You

Do you love music...and computers, too? Spend two weeks using a computer and familiarizing yourself with the software currently used to produce music. You'll learn to operate equipment capable of recording, editing and playing back music using more than 1,500 instruments via the keyboard. You will have the option to record live instruments or vocals.

*Course conclusion will feature a recital of student compositions.*

**YOUTH-402-2** **\$229**  
 M,Tu,W,Th Jun. 15–25 1–4 p.m. Victor Olvera

## YouTube Moviemaking

Learn the basics of online video/audio production. You will develop the ability to capture video, still images and audio, and be able to edit those elements together to tell a personal story. Practice loading and manipulating the video in YouTube.

*Students should bring their username and password for their YouTube account to class.*

**YOUTH-505-4** **\$249**  
 M,Tu,W,Th Jun. 15–25 1–4 p.m. Jim Hopper

## GRADES 8-9 MORNING

### Advanced Debate

Use previously learned skills to research current issues and provide evidence to support your side of the issue as you participate in a debate. This course will help prepare you for class presentations and high school debate and is designed for students with experience in debate.

*Prior debate class not required. Recommended that student has prior experience with research and/or speaking in front of others.*

**YOUTH-101-3** **\$139**  
 M,Tu,W,Th Jun. 15–18 8 a.m.–noon Wendy Robinson

### Business Planning for the Young Entrepreneur

Got an idea? Got two? Perhaps three? Uncover how to get creative and work on ideation with ecosystem mapping, asking questions, user identification, and being creative with constraints. Dive into the process of designing a business. You will practice public speaking and pitching (and defending) your ideas. If you like *Shark Tank* this course is for you!

*Previously titled Biz for Kids*

**YOUTH-108-2** **\$139**  
 M,Tu,W,Th Jun. 8–11 8 a.m.–noon Sarah Shipley

### Rockets and Aeronautics — iFLY

Explore the art involved in the design and manufacturing of air flight. Conduct experiments by designing and launching rockets. You will then experience aeronautics firsthand by visiting iFLY, Kansas City's Indoor Skydiving Experience. There you will receive flight and safety training, fly in the wind tunnel and learn all about the STEM concepts involved in your flight.

*You will need at least one 2-liter bottle for your rocket.*

**YOUTH-619-3** **\$189**  
 M,Tu,W,Th Jul. 13–16 8 a.m.–noon Richard Kessler

**GRADES 8-9  
FRIDAY**

**Animating a Text Logo with After Effects**

Spend a Friday discovering motion graphics using After Effects and Element 3D. Learn how to use mattes, visual effects and animation techniques to create a title intro or text logo for a video or YouTube channel.  
*Bring a lunch and a drink to class.*

**YOUTH-530-2** **\$89**  
F Jul. 31 8 a.m.–4 p.m. Linden Stirk

**Beekeeping 101**

You will be introduced to the fun and exciting world of beekeeping. In today's world, there are many beekeeping opportunities and challenges. Gain a good understanding about beekeeping and learn about the many products that come from bees—honey, pollen and wax. You will also visit the JCCC Bee Yard and explore a working hive. Identify the honey, baby bees, pollen and find the Queen!

*It is required that students wear long sleeves, long pants and close-toed shoes for the visit to the Bee Yard.*

**YOUTH-609-3** **\$99**  
F Jun. 5 and 12 8 a.m.–noon Robert Hughes

**Chef Training: Breakfast Baked Goods**

Make pancakes, biscuits, muffins, waffles, scones and more. Pastry Chef Alison Reed will explain the best methods to create delicious breakfast baked goods.

*It is required that students wear long pants and close-toed shoes and pull their hair back.*

**YOUTH-205-1** **\$89**  
F Jul. 17 9 a.m.–1 p.m. Alison Reed

*Beekeeping 101*



**Chef Training: Handmade, Homemade Pizza**

Spend time in our state-of-the-art Wylie Hospitality and Culinary Academy learning to make an all-time favorite from scratch. You will make a standard pizza and dessert pizza with your favorite toppings.  
*It is required that students wear long pants and close-toed shoes, and pull their hair back.*

**YOUTH-203-2** **\$89**  
F Jun. 19 10 a.m.–1 p.m. Alison Reed

**Chef Training: Pies for Everyone!**

Make gluten-free pie dough, standard pie dough and crumb crusts. Create a gluten-free blueberry pie, a sugar-free apple pie and an eggless chocolate silk pie.  
*This is not a gluten-free cooking class.*

*It is required that students wear long pants and close-toed shoes, and pull their hair back.*

**YOUTH-204-1** **\$99**  
F Jun. 5 9 a.m.–2 p.m. Damian Fraase

**Digital Forensics**

All sorts of data files are stored on your computer in many accessible places. But what about those files that are hidden, or maybe you thought you erased? Spend a day learning about Digital Forensics including hands-on exercises and challenges to see who can find the most secrets.

*Bring a lunch and a drink to class.*

**YOUTH-539-1** **\$79**  
F Jun. 12 8 a.m.–4 p.m. Andrew Lutz

**Lasers and Optics**

Photonics is the physical science of light generation, detection and manipulation. Photonic devices are all around you, including fiber optics, photovoltaic cells and lasers. Learn about and use spectrometers, create an elementary hologram viewer and work with a diode laser system. Laser safety will also be discussed.

*Bring a lunch and a drink to class.*

**YOUTH-620-3** **\$79**  
F Jul. 24 8 a.m.–4 p.m. Hugh King

**Making Money This Summer**

Do you plan to mow lawns or babysit this summer? Or maybe you have a DIY idea you would like to market? Whether you have a business plan or not, you will leave with a polished proposal. You will also work on your pitch, understand good business behavior, and master the basics like simply doing what you said you would do.

**YOUTH-103-1** **\$59**  
F Jun. 12 8 a.m.–noon Sarah Shipley



**Registering your child in both morning and afternoon courses on the same day?**

Don't forget to add a supervised lunch option.

See page 22 for more information.





Basic Car Care and Maintenance

**GRADES 9-10  
MORNING**

**DNA Camp, Introduction to Biotechnology**

DNA Camp is an introduction to the fundamentals of DNA structure and biotechnology laboratory techniques. Explore DNA structure, protein expression and application of biotechnology procedures such as DNA fingerprinting, DNA extraction and DNA electrophoresis.

**YOUTH-617-4** **\$249**  
 M,Tu,W,Th Jun. 8-11 8 a.m.-noon Chris Elniff

**GRADES 9-12  
FRIDAY**

**Animation**

Model and texture a spacecraft. Learn how to set up lights, animate, add visual effects like sparks, fire and smoke to create a stunning animation. Practice using key frames and rendering out a completed high-resolution movie to show family and friends.

*No prior knowledge of the software is expected.  
 Bring a lunch and drink to class.*

**YOUTH-503-3** **\$129**  
 F Jun. 19 and 26 9 a.m.-3 p.m. Aaron Garrison

**Basic 3D Modeling and Texturing for Games**

An introduction to the process of creating low poly assets and textures for games. You will learn the basic work pipeline of simple 3D modeling, unwrapping simple 3D objects, techniques for creating stylized painted textures, the process of exporting and importing for games, and creating graphic renders of the work you create.

*Bring a lunch and a drink to class.*

**YOUTH-523-3** **\$129**  
 F Jul. 10 and 17 9 a.m.-3 p.m. Aaron Garrison

**Basic Car Care and Maintenance**

Your car represents freedom, but when it breaks down you are back to relying on your parents. Learn how to identify vehicle components and their functions, understand a car handbook, manuals and servicing requirements, perform vehicle checks, locate and check vehicle fluids, check tire air pressure and tread depth, and how to change a tire.

*It is required that students wear long pants and close-toed shoes, and pull their hair back.*

**YOUTH-750-5** **\$59**  
 F Jun. 19 8 a.m.-noon Heather Hale

**YOUTH-750-6** **\$59**  
 F Jul. 10 8 a.m.-noon Heather Hale

**YOUTH-750-7** **\$59**  
 F Jul. 24 8 a.m.-noon Heather Hale

**Basic Small Engine Repair**

Small engines power a variety of vehicles and outdoor equipment you may use, including motorcycles, boats, snow blowers, portable generators, lawn mowers, chain saws and leaf blowers. Learn how to troubleshoot and repair common problems found with small engines, including both two-stroke and four-stroke internal combustion engines.

*It is required that students wear long pants and close-toed shoes, and pull their hair back.*

**YOUTH-751-3** **\$59**  
 F Jun. 26 8 a.m.-noon Heather Hale

**Basics of Résumés and Interviewing**

Learn how to write and continually revise résumés throughout your high school and college years. You will also prepare for first interviews for key internships and part-time jobs related to your field of study when in college.

*Bring a lunch and a drink.*

**YOUTH-156-2** **\$99**  
 F Jul. 17 8 a.m.-4 p.m. Jennifer Schmidt



Learn How to Play Guitar!

## GRADES 10-12 MORNING

### Career and College Preparation 101

Uncertain about what you want to do after high school? A little stressed about not having a focused direction? If so, this is a perfect seminar for you! This will be a fun yet informative way for you to identify your unique strengths and interests and recognize how they relate to possible career and education paths. You will take a personality assessment and career interest assessments and also identify your work-related values and skills. Learn about the process of determining optimal education options and value of lifelong learning.

**YOUTH-151-3** **\$189**  
M,Tu,W,Th Jul. 13–16 8 a.m.–noon Jennifer Schmidt

### Using Final Cut Pro to Make Great Videos

Anyone can make bad, boring videos, but you want to make great videos! Discover fun and easy video shooting techniques that will wow your friends. Learn simple editing techniques using Final Cut Pro. Finally, you will use JCCC's broadcast studio to show off your work!

**YOUTH-541-1** **\$159**  
M,Tu,W,Th Jun. 15–18 8 a.m.–noon Steve Cortez

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## GRADES 10-12 AFTERNOON

### Introduction to Basic Calligraphy

Learn the fundamentals of calligraphy, including how to hold the pen, use ink, and the basic letter construction of two to three different calligraphic alphabets.

*Designed for those who have little or no experience doing broad pen calligraphy.*

**YOUTH-022-1** **\$149**  
M,Tu,W,Th Jul. 20–23 1–4 p.m. Peter Nott

### Introduction to Digital Audio and Recording

Designed to further develop skills acquired in Music Technology and You. Practice using ProTools digital audio software to record, edit and play back music. Learn basic concepts of audio editing and create recordings of your own music.

*Prior attendance of Music Technology and You or ProTools experience required.*

**YOUTH-403-3** **\$139**  
M,Tu,W,Th Jul. 20–23 1–4 p.m. Victor Olvera

### Learn How to Play Guitar!

Learn how to play the guitar with Harvey Fitzer, JCCC music professor. This class is intended to provide an introduction to the art of guitar playing and basic skills such as reading music, playing melodies, playing basic chords, using different strumming patterns, tuning a guitar and fingerpicking.

*Bring a guitar to class.*

**YOUTH-404-4** **\$219**  
M,Tu,W,Th Jul. 20–30 1–4 p.m. Harvey Fitzer

### Music Technology and You

Do you love music...and computers, too? Spend two weeks using a computer and familiarizing yourself with the software currently used to produce music. You'll learn to operate equipment capable of recording, editing and playing back music using more than 1,500 instruments via the keyboard. Students will have the option to record live instruments or vocals.

*Course conclusion will feature a recital of student compositions.*

**YOUTH-402-2** **\$229**  
M,Tu,W,Th Jun. 15–25 1–4 p.m. Victor Olvera

### YouTube Moviemaking

Learn the basics of online video/audio production. You will develop the ability to capture video, still images and audio, and be able to edit those elements together to tell a personal story. You will load and manipulate the video in YouTube.

*Students should bring their username and password for their YouTube account to class.*

**YOUTH-505-4** **\$249**  
M,Tu,W,Th Jun. 15–25 1–4 p.m. Jim Hopper



**GRADES 10-12  
FRIDAY**

**Animating a Text Logo with After Effects**

Spend a Friday discovering motion graphics using After Effects and Element 3D. Learn how to use mattes, visual effects, and animation techniques to create a title intro or text logo for a video or YouTube channel.

*Bring a lunch and a drink to class.*

**YOUTH-530-2** **\$89**  
F Jul. 31 8 a.m.–4 p.m. Linden Stirk

**Beekeeping 101**

You will be introduced to the fun and exciting world of beekeeping. In today's world, there are many beekeeping opportunities and challenges. Gain a good understanding about beekeeping and learn about the many products that come from bees—honey, pollen and wax. You will also visit the JCCC Bee Yard and explore a working hive. Identify the honey, baby bees, pollen and find the Queen!

*It is required that students wear long sleeves, long pants and close-toed shoes for the visit to the Bee Yard.*

**YOUTH-609-3** **\$99**  
F Jun. 5 and 12 8 a.m.–noon Robert Hughes

**Chef Training: Breakfast Baked Goods**

Make pancakes, biscuits, muffins, waffles, scones and more. Pastry Chef Alison Reed will explain the best methods to create delicious breakfast baked goods.

*It is required that students wear long pants and close-toed shoes, and pull their hair back.*

**YOUTH-205-1** **\$89**  
F Jul. 17 9 a.m.–1 p.m. Alison Reed

**Chef Training: Handmade, Homemade Pizza**

Spend time in our state-of-the-art Wylie Hospitality and Culinary Academy learning to make an all-time favorite from scratch. You will make a standard pizza and dessert pizza with your favorite toppings.

*It is required that students wear long pants and close-toed shoes, and pull their hair back.*

**YOUTH-203-2** **\$89**  
F Jun. 19 10 a.m.–1 p.m. Alison Reed

**Chef Training: Pies for Everyone!**

Make gluten-free pie dough, standard pie dough and crumb crusts. Create a gluten-free blueberry pie, a sugar-free apple pie and an eggless chocolate silk pie.

*This is not a gluten-free cooking class.*

*It is required that students wear long pants and close-toed shoes, and pull their hair back.*

**YOUTH-204-1** **\$99**  
F Jun. 5 9 a.m.–2 p.m. Damian Fraase



*Chef Training*

**Digital Forensics**

All sorts of data files are stored on your computer in many accessible places. But what about those files that are hidden, or maybe you thought you erased? Spend a day learning about digital forensics including hands-on exercises and challenges to see who can find the most secrets.

*Bring a lunch and drink to class.*

**YOUTH-539-1** **\$79**  
F Jun. 12 8 a.m.–4 p.m. Andrew Lutz

**Lasers and Optics**

Photonics is the physical science of light generation, detection and manipulation. Photonic devices are all around you, including fiber optics, photovoltaic cells and lasers. Learn about and use spectrometers, create an elementary hologram viewer and work with a diode laser system. Laser safety will also be discussed.

*Bring a lunch and a drink to class.*

**YOUTH-621-2** **\$79**  
F Jul. 31 8 a.m.–4 p.m. Hugh King

**Making Money This Summer**

Do you plan to mow lawns or babysit this summer? Or maybe you have a DIY idea you would like to market? Whether you have a business plan or not, you will leave with a polished proposal. You will also work on your pitch, understand good business behavior, and master the basics like simply doing what you said you would do.

**YOUTH-103-1** **\$59**  
F Jun. 12 8 a.m.–noon Sarah Shipley

# IMPORTANT INFORMATION

## SUPERVISED LUNCH



### Supervised Lunch Break

Supervision is available during the lunch hour for students registered in both morning and afternoon summer youth enrichment classes.

**Students are required to bring a sack lunch and a drink.**

<b>YOUTH-900-21</b>			<b>\$10</b>
M, Tu, W, Th	Jun. 1–4	noon–1 p.m.	
<b>YOUTH-900-22</b>			<b>\$10</b>
M, Tu, W, Th	Jun. 8–11	noon–1 p.m.	
<b>YOUTH-900-23</b>			<b>\$10</b>
M, Tu, W, Th	Jun. 15–18	noon–1 p.m.	
<b>YOUTH-900-24</b>			<b>\$10</b>
M, Tu, W, Th	Jun. 22–25	noon–1 p.m.	
<b>YOUTH-900-25</b>			<b>\$10</b>
M, Tu, W, Th	Jun. 29–Jul. 2	noon–1 p.m.	
<b>YOUTH-900-26</b>			<b>\$10</b>
M, Tu, W, Th	Jul. 6–9	noon–1 p.m.	
<b>YOUTH-900-27</b>			<b>\$10</b>
M, Tu, W, Th	Jul. 13–16	noon–1 p.m.	
<b>YOUTH-900-28</b>			<b>\$10</b>
M, Tu, W, Th	Jul. 20–23	noon–1 p.m.	
<b>YOUTH-900-29</b>			<b>\$10</b>
M, Tu, W, Th	Jul. 27–30	noon–1 p.m.	
<b>YOUTH-900-30</b>			<b>\$10</b>
M, Tu, W, Th	Aug. 3–6	noon–1 p.m.	

## LUNCH AND SNACKS

If your child is registered in a morning and afternoon course, please register him/her in the supervised lunch, regardless of age.

Students registered in supervised lunch and full-day courses must bring a sack lunch and a drink.

No students registered in our programs are allowed to be unsupervised on campus at any time.

Campus Dining Services are not available to summer youth participants.

Healthy snacks and water bottle (labeled with student's name) are encouraged. Vending machines are off limits due to risk of losing money and unhealthy choices. Please do not send any snack or product containing nuts.

## EMERGENCY CONTACT INFORMATION

All participants under the age of 18 in the Summer Youth Enrichment Program must have an Emergency Notification Form (ENF) on file. The ENF is incorporated into the online registration. For those who register by phone, in person or by mail, please visit [jccc.edu/youth](http://jccc.edu/youth) to complete the online or paper form. Instructions to submit a printed copy are located at the top of the form. Forms must be completed (only once) yearly.

## REFUND POLICY

A refund will be honored if the cancellation request is received in the JCCC Continuing Education Registration office four business days before the course begins by calling 913-469-2323. The full refund policy is available on our website.

## STUDENT CONDUCT

Our policy requires that disruptive students be removed from course. If necessary, we will call parents for early pick up. Tuition refunds are not granted to students who are permanently removed from class.

## SPECIAL REQUESTS

JCCC is committed to providing assistance to those with disabilities. If you desire auditory, visual or mobility assistance, contact Access Services at 913-469-3521 or email [accessservices@jccc.edu](mailto:accessservices@jccc.edu). The Access Services office is located on the 2nd floor of the Student Center. To request an interpreter, email and place "interpreter request" in the subject line or call using relay services. A 72-hour advance notice is requested.

## DROP OFF AND PICK UP PROCEDURES

For the safety of your child, all students 12 and under will need a parent/guardian to come inside to drop off and pick up their child to and from the JCCC classroom he/she will be attending. There will be a sign-in, sign-out log you will complete. Call the student enrichment program at 913-469-4420 if you have any questions or concerns. Your child must be picked up promptly after class.

1. It is recommended that you arrive 10 minutes before your child's class begins.
2. For course location, please visit [jccc.edu/maps](http://jccc.edu/maps).
3. Look for staff to direct you to your child's classroom where you will sign in your child.
4. Follow the same procedures for the sign-out process.

NOTICE OF NONDISCRIMINATION: JCCC does not discriminate on the basis of sex, race, color, national origin, disability, age, religion, marital status, veteran status, sexual orientation, gender identity, genetic information or other factors that cannot be lawfully considered in its programs and activities as required by all applicable laws and regulations. Inquiries concerning JCCC's compliance with its nondiscrimination policies (including Title IX and Section 504 inquiries) may be referred to the Dean of Student Services and Success or Director of Human Resources or the Dean of Learner Engagement and Success, Johnson County Community College, 12345 College Blvd, Overland Park, KS 66210, 913-469-8500; or to Office for Civil Rights, Kansas City Office, U.S. Department of Education, One Petticoat Lane, 1010 Walnut Street, Suite 320, Kansas City, MO 64106, Telephone: 816-268-0550, Facsimile: 816-268-0559, email OCR: [OCR.KansasCity@ed.gov](mailto:OCR.KansasCity@ed.gov).



# Summer Institute for the Arts

Heartland Chamber Music Festival is a community partnership with the Carlsen Center Arts Education Program.

## Heartland Chamber Music Festival and Audition

The summer festival is an exciting nine days of chamber music, orchestra, master classes, music history, student, faculty performances and more! Each summer advanced string and piano students, ages 12 to 24, are selected by audition to work one-on-one with internationally renowned faculty members who have gathered for the festival with the purpose of inspiring and nurturing students development. The joy of their experience has proven to enlighten students' interest in music and the arts, and the friendships they make during the process sometimes last a lifetime!

**9 a.m.-4 p.m. Jul. 24-Aug. 1**

*Tuition/audition fees: [heartlandchambermusic.org](http://heartlandchambermusic.org)*

## Heartland Chamber Music Junior Festival and Audition

Heartland Chamber Music hosts six exciting days of chamber music coaching and chamber orchestra for selected string and piano students ages 15 and under. Students audition and are placed into a small chamber ensemble and work one-on-one with faculty in preparation for the final concert.

**Noon-4:30 p.m. Jul. 25-Aug. 1**

*Tuition/audition fees: [heartlandchambermusic.org](http://heartlandchambermusic.org)*



Have an extraordinary All Arts Day! JCCC offers programs for families, camps and school groups interested in combining a campus visit with a world-class performance and an interactive visual art experience. Call Katherine Morse at 913-469-8500, ext. 4989, for details.

# Get creative at the Nerman Museum!

## Art Courses for Youth

**Early Explorations courses (ages 5-7)** and **Contemporary Creations courses (ages 8-11)** combine engaging, interactive tours with hands-on studio projects, and students explore different topics each week. Discover JCCC's diverse and nationally acclaimed permanent collection and exhibitions in the Nerman Museum.

\$15 per session\*/\$10 for members of the Nerman Museum. Registration is offered through JCCC Continuing Education. View schedules and register online at [nermanmuseum.org](http://nermanmuseum.org). For registration assistance, call 913-469-2323.

*\*Some summer courses meet four times, \$60 per session.*

### Pre-registration is required.

Saturdays, January-April and September-December | Weekdays, June-July 10 a.m.-noon or 2-4 p.m.



FREE admission, FREE NMOCA Kids Family Guide  
FREE guided tours are available for groups kindergarten and older.  
FREE self-guided activity booklets (K-6th grade) are available by request.

Visit the Museum's website to make a reservation.  
Email [tours@nermanmuseum.org](mailto:tours@nermanmuseum.org)





# JCCC

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