Summer 2021

KOC

Kids On Campus

A Summer Enrichment Program for Grades K-8

In-Person Camps at BC3
June 14 – July 29
Monday - Thursday

Science & tech, crafts, engineering, cooking, games and more!

BLACKROCKET
blackrocket.com

Virtual Camps
June 7 – August 20
Monday - Friday

BUTLER COUNTY COMMUNITY COLLEGE

Register Now! Visit bc3.edu/koc

Summer 2021

KOC

Kids On Campus

A Summer Enrichment Program for Grades K-8

Registration

Register by phone, mail or online at **bc3.edu/koc**. Browse camps by week and grade level. Use the grade level your child will be starting in the fall of 2021.

In-Person Camps are temporarily limited to 12 students per camp for the safety of our campers, staff and families.

Welcome

We are excited to bring our campers back to campus! Friends, fun and fresh air are on the schedule for KOC!

Plus, KOC has partnered with **Black Rocket** to offer virtual camps! Black Rocket has over a decade of experience designing campus in the areas of STEM and Digital Arts.

✓ In-Person Camps

Starting June 14 – July 29

All in-person camps run **Monday through Thursday** from **9:00 a.m. to 4:00 p.m.**

✓ Virtual Camps with Black Rocket

Starting June 7 – August 20

All virtual camps run **Monday through Friday** for a 3-hour morning session or 3-hour afternoon session.

✓ Tuition & Fees

In-Person Camps:

Tuition $158
$95 + Fees $63 = $158 a week per child

There is a $2 one-time registration fee per child.

Black Rocket Virtual Camps:

Pricing..Starts at $135.

See camp description online for individual costs.

✓ Before & After Care

Before and After Care are available for all in-person campers.

Before Care: .... 7:00 a.m. to 9:00 a.m. | $28 per day
After Care: ....4:00 p.m. to 5:30 p.m. | $21 per day

✓ Lunch & Snacks

Students should pack a lunch daily and will eat with their campmates and instructor.

Morning and afternoon snacks are provided, but students may pack their own snacks as well. Water bottles are welcome.

Students registered for Before Care should pack breakfast. Note: There is no microwave or refrigeration access.

✓ Questions?

Contact Eva Lowerre
KOC Coordinator
724-287-8711, ext. 8504
Eva.Lowerre@bc3.edu

Kids On Campus is sponsored solely by Butler County Community College and not by any Pennsylvania K-12 school districts.

Grades K-1

Week 1: June 14-17

NEW! Summer Steam

We decided to set up our art and science labs outside this week in case our work gets a little messy! Learn how to make a hypothesis and form a conclusion with experiments such as bursting bags, solar heat up, exploding soda, color mixing and more. New hands-on art and science experiments daily!
050470-42894

Week 2: June 21-24

NEW! The Supers!

Get ready to flex your superpower and expose your heroism this week as we fly into the world of superheroes in real and make-believe lives. Create your own superhero cape, perform daring feats, create and conquer obstacle courses, discover what makes a hero in real life, who your personal hero is, and more. "To infinity and beyond!" Some very special heroes from our community will visit on the last day. Hero costumes are welcome daily!
050471-42895

Week 3: June 28-July 1

NEW! Mermaids, Fairies & Unicorns

We are entering the magical worlds of unicorns, mermaids and fairies this week! Discover your unicorn name and what makes you special, make mystical slime, design a shell tiara, build an enchanting fairy land, cook up mythical snacks and so much more!
050472- 42896

Week 4: July 12-15

Christmas in July

Christmas is amazing, so of course, we want to celebrate it again. We will be recreating all the magic of the season through games, snacks, decorations, and gifts for others with a few fun summer twists.
050384-42897

Week 5: July 19-22

NEW! Engineer Jr.

We are building taller, wider and smarter this week as we combine the concepts of STEM with our endless supply of blocks, math cubes, Magna Tiles and LEGOS to create towers, bridges, and mazes. The possibilities are endless. Ramp up your engineering skills outside to make inclines and paths for balls and cars.
050473-42898

Week 6: July 26-29

NEW! Backyard Bash

The perfect way to end our summer! A backyard party complete with all the trimmings! Get ready for picnics, water fun, obstacle courses, messy art, pool noodle challenges and more! Remember a swimsuit, towel, and bag for wet clothes daily.
050474-42899

Note!

Parents will receive a letter prior to the start of camp with information on medications and safety at drop-off and pick-up.

Grades 2–4

Week 1: June 14-17

NEW! Slimy Science
Ooey-gooey science this week with slime and other oozing reactions! What makes slime irresistible? What chemical reactions occur to make it? Which is the best slime? We will answer all of these questions and more with different recipes, scents, colors, and texture each day! Once we are completely slimed for the day, we will continue to hypothesize and conclude with a variety of explosive chemical combinations and creations which will be messy enough to do outside.
050475-42900

NEW! Spies & Supers
It is super sleuth training week at KOC. Mix up some invisible ink, dust for fingerprints after trailing a suspect, maneuver your way through laser field undetected, create your spy gadgets and much more. Hold up Spies and make way for the Supers! Discover your own superpower through daring feats and challenges, create a cape and mask for your disguise, or make daring rescues! The last day we will dedicate to our real life personal and community heroes with some very special visitors! Hero or spy costumes are welcome daily!
050476-42901

Week 2: June 21-24

NEW! Mermaids, Fairies & Unicorns
We are entering the magical worlds of unicorns, mermaids and fairies this week! Discover your unicorn name and what makes you special, make mystical slime, design a shell tiara, build an enchanting fairy land, cook up mythical snacks and so much more!
050472-42902

NEW! Game On
Nothing but games this week! Enjoy the fresh air on our beautiful grounds with outdoor games like dodgeball and capture the flag, minute to win it challenges, water wars, obstacle courses, and board games. Game on! *Remember a swimsuit, towel and bag for wet activities daily.
050063-42903

Week 3: June 28-July 1

NEW! Engineering Camp
Learn about engineering through machines, buildings and bridges of our world. Utilize Knex building kits find out how levers, gears, pulleys, and axles can create everyday machines. Use Legos to design and build a complete city. Build a bridge to withstand high wind and weight. We got the supplies; bring your own creativity!
050477-42904

NEW! DIY Design
Crafting all day for four days? YES, PLEASE! Join us to create wall hangings and room decor, hair and jewelry accessories, duct tape designs, popsicle stick creations and so much more. So many things to make and finally enough time!
050478-42905

Week 4: July 12-15

NEW! Robotics Jr.
We are combining two of our favorites to make our first Robotics Jr. camp! First, check out our Cubelets from modular robotics! These preprogrammed robotic cubes sense, act and think with individual special skills. The different sensors, lights, sounds, and the brain cube combined with LEGOs will create endless possibilities for building robots and machines. Next, use our all-new LEGO WeDo 2.0 robotic kits to build various models including motors, and gears to create robotic people, animals, and objects. Learn the basics of programming to make your model come to life. Both systems will be used each day!
050479-42906

NEW! Home CEO
Sewing, baking, planning and organizing will be the skills you develop this week. Utilizing a sewing machine and hand sewing skills to make your own apron, potholders, a tote and your own creations. Head to the kitchen to make homemade pies and cupcakes! Remember a plastic container to share your extra desserts! Use your crafting skills to design and create your own planner and organizational tools!
050480-42907

Week 5: July 19-22

NEW! LEGO Challenge
Are you a Lego lover? This is the camp for you! Using the STEM concepts, a crazy number of Legos and your imagination, you will plan, build, and engineer simple machines and various structures to complete a wide variety of fun and challenging tasks and creations. Bring some of your best creations to life by learning stop motion animation!
050434-42908

NEW! Foodies
Calling all food lovers! How well do you know your food? This week we want to test your love of food through challenges such as identifying the Oreos from the Great Value Twist and Shout cookies or Heinz from Hunts ketchup. Try to name the flavor of our KOC favorite freeze pops blindfolded. Name the food on your plate with only your taste and smell and more fun food games. We will relax each day by making some no bake treats and charcuterie boards to enjoy. Remember a container for leftovers.
050481-42909

Week 6: July 26-29

NEW! Summer Art Studio
Art is the expression of your imagination. We will tap into that with a variety of art mediums including drawing, watercolor and painting. Learn a variety of techniques to make your art flourish. Once you have mastered some of the basics, expand your artistic side by trying 3D creations such as pinatas and STEAM art including stop motion animations.
050482-42910

NEW! Box Design
We are thinking outside the box this week! What can you make out of cardboard? Actually, you can make anything your imagination dreams up such as a castle, a racetrack or a car! We will get you the supplies and teach you some crafting techniques. Then you take over and let your creativity shine!
050483-42911

NEW! Robotics Jr.
We are combining two of our favorites to make our first Robotics Jr. camp! First, check out our Cubelets from modular robotics! These preprogrammed robotic cubes sense, act and think with individual special skills. The different sensors, lights, sounds, and the brain cube combined with LEGOs will create endless possibilities for building robots and machines. Next, use our all-new LEGO WeDo 2.0 robotic kits to build various models including motors, and gears to create robotic people, animals, and objects. Learn the basics of programming to make your model come to life. Both systems will be used each day!
050479-42912

Fun in the Sun!
Remember to pack sunscreen and a water bottle!

Camp Schedule
In-Person Camps run Monday through Thursday from 9:00 a.m. to 4:00 p.m.

Grades 5-8

NEW! Engineering Camp
Learn about engineering through machines, buildings and bridges of our world. Utilize Knex building kits find out how levers, gears, pulleys, and axles can create everyday machines. Use Lego kits to build structures from around the world. Build a bridge to withstand high wind and weight. Plenty of time to use our supplies to bring your own designs to life!
050477-42913

NEW! Home CEO
Sewing, baking, planning and organizing will be the skills you develop this week. Utilizing a sewing machine and hand sewing skills to make your own apron, potholders, a tote and your own creations. Head to the kitchen to make homemade pies and cupcakes! Remember a plastic container to share your extra pie! Use your crafting skills to design and create your own planner and organizational tools!
050480-42914

Week 2: June 21-24

Spy Lab
It is super sleuth training week at KOC. Mix up some invisible ink, dust for fingerprints after trailing a suspect, maneuver your way through laser field undetected, create your spy gadgets, learn to tell the truth from the lie, escaping from sticky situations and much more.
050401-42915

NEW! Game On
Nothing but games this week! Enjoy the fresh air on our beautiful grounds with outdoor games like dodgeball and capture the flag, minute to win it challenges, water wars, obstacle courses, and board games. Game on! *Remember a swimsuit, towel and bag for wet activities daily.
050063-43106

Week 3: June 28-July 1

NEW! DIY
Crafting all day for four days? YES, PLEASE! Join us for our first ever yarn inspired DIY class! Create a beautiful yarn wall hanging, a colorful yarn bowl, decorative pom poms, a yarned and bedazzled name plate and beginning knitting lessons! And since we have the whole day, we will throw in more crafting surprises like candle making. Summer distractions at their finest!
050180-42917

Game On
Nothing but games this week! Enjoy the fresh air on our beautiful grounds with outdoor games like dodgeball and capture the flag, minute to win it challenges, water wars, obstacle courses, and board games. Game on! *Remember a swimsuit, towel and bag for wet things daily.
050063-42918

Safety!

COVID-19 Safety
Remember to wear a face covering – mask or shield! Visit **bc3.edu/covid** for current protocol.

Week 4: July 12-15

Camp Survivor: Season 4
It's our fourth season of KOC survivor! Same location with new teams and challenges! Your team's objective is to stay on the KOC Island by competing in a series of challenges, contests, obstacles and adventures. Anonymous voting at the Tribal Council will take place at the end of each day. Are you a survivor?
050458-42919

NEW! Slimy Science
Ooey-gooey science this week with slime and other oozing reactions! What makes slime irresistible? What chemical reactions occur to make it? Which is the best slime? We will answer all of these questions and more with different recipes, scents, colors, and texture each day! Once we are completely slimed for the day, we will continue to hypothesize and conclude with a variety of explosive chemical combinations and creations which will be messy enough to do outside.
050475-42920

Week 5: July 19-22

NEW! Robotics
Introducing our new EV3 Mindstorm Lego Robots and Cubelets Robot Blocks! Join us this week to learn basic builds and an introduction to programing both the EV3 and the Cubelets. Explore movement and sensor application through a series of challenges. Once you have mastered the basics, learn to program the EV3 to respond to new challenges and learn to program the sensors to respond to the environment!
050203-42921

NEW! Summer Art Studio
Art is the expression of your imagination. We will tap into that with a variety of art mediums including drawing, watercolor and painting. Learn a variety of techniques to make your art flourish. Once you have mastered some of the basics, expand your artistic side by trying 3D creations such as pinatas, photo art, or lettering techniques and STEAM art including stop motion animations.
050482-42922

Week 6: July 26-29

NEW! LEGO Challenge
Are you a Lego lover? This is the camp for you! Using the STEM concepts, a crazy amount of Legos and your imagination, you will plan, build, and engineer simple machines and various structures to complete a wide variety of fun and challenging tasks and creations. Bring some of your best creations to life by learning stop motion animation!
050434-42923

NEW! Foodies
Calling all food lovers! How well do you know your food? This week we want to test your love of food through challenges such as identifying the Oreos from the Great Value Twist and Shout cookies or Heinz from Hunts ketchup. Try to name the flavor of our KOC favorite freeze pops blindfolded. Name the food on your plate with only your taste and smell and more fun food games. We will relax each day by making some no bake treats and charcuterie boards to enjoy. Remember a container for leftovers.
050481-42924

Tuition
All in-person camps are the same price per week per child. Before and After Care available! See Page 2.

BLACKROCKET

Virtual Camps June 7 – August 20

Registration

Kids On Campus has partnered with Black Rocket to offer virtual camps! Black Rocket has over a decade of experience designing campus in the areas of STEM and Digital Arts.

Visit **bc3.edu/koc** and browse camps by week and age - and register online through Black Rocket!

JavaScript Developer Jam

Learn programming tools so powerful they seem like magic! Start off by learning an array of core programming concepts with JavaScript by experimenting in a series of digital challenges. Start with programming your first animated memes, then tackle more advanced skills such as interactive 3D experiences and game creation. Projects will be available on a password protected Black Rocket website to share with friends and family.
*Compatible with MAC, Windows and Chrome OS

Ages 8–11
June 7-11 | 9:30 a.m. – 12:30 p.m.
July 6-9 | 9:30 a.m. – 12:30 p.m.
Aug. 2-6 | 1:30 p.m. – 4:30 p.m.

Ages 11–14
June 7-11 | 1:30 p.m. – 4:30 p.m.
July 6-9 | 1:30 p.m. – 4:30 p.m.
Aug. 2-6 | 9:30 a.m. – 12:30 p.m.

Minecraft® Animators

Create the next popular animated Minecraft video on YouTube! Practice the same skills professionals at Pixar and Disney Animation Studios use. Discover the process of keyframing and tweening, how to use it to bring your own animated stories to life, and how to publish your content on YouTube. Student projects will be available on a password protected Black Rocket website to share with friends and family. Mac users can play their project at home but will not be able to edit the project without a PC. Returning students can create more advanced projects that build on previous years.
*Compatible with Windows OS only.

Ages 8–11
June 7-11 | 9:30 a.m. – 12:30 p.m.
July 6-9 | 9:30 a.m. – 12:30 p.m.

Ages 11–14
June 7-11 | 1:30 p.m. – 4:30 p.m.
July 6-9 | 1:30 p.m. – 4:30 p.m.

eSports Apprentice – Streamers and Gamers

Whether you want to be the next pro gamer, streamer, or gamecaster this course will 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! In this course, students will develop game-play skills and compete using Black Rocket's eSports games and apps, learn how to produce commentary for live tournaments, use professional streaming software, and most importantly practice online safety. Student recordings will be available on a password protected website to share with friends and family. Videos will not be broadcast publicly but will be shared with all students in the class.
*A webcam is required for this course. Software is compatible with MAC and Windows OS only.

Ages 8–11
June 7-11 | 1:30 p.m. – 4:30 p.m.
July 6-9 | 1:30 p.m. – 4:30 p.m.
July 26-30 | 1:30 p.m. – 4:30 p.m.

Ages 11–14
June 7-11 | 9:30 a.m. – 12:30 p.m.
July 6-9 | 9:30 a.m. – 12:30 p.m.
July 26-30 | 9:30 a.m. – 12:30 p.m.

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. Student-created projects will be available on a password protected Black Rocket website to share with friends and family.
*Compatible with MAC and Windows OS only.

Ages 8–11
June 7-11 | 1:30 p.m. – 4:30 p.m.
July 6-9 | 9:30 a.m. – 12:30 p.m.
Aug. 16-20 | 9:30 a.m. – 12:30 p.m.

Ages 11–14
June 7-11 | 9:30 a.m. – 12:30 p.m.
July 6-9 | 1:30 p.m. – 4:30 p.m.
Aug. 16-20 | 1:30 p.m. – 4:30 p.m.

Make Your First Video Game!

If you love playing video games, this is the camp for you! Make your first video game in this one-of-a-kind class that shows you the keys to designing your first 2D platformer game. Conceptualization, play experience, level design, graphics, sounds, and simple coding are just some of the concepts that we'll explore. No prior experience necessary, just a desire to have fun. Student projects will be available on a password protected Black Rocket website to share with friends and family. Games are only compatible on PC computers. Returning students can create more advanced projects that build on previous years.
*Compatible with Windows OS only

Ages 8–11
June 14-18 | 1:30 p.m. – 4:30 p.m.
Aug. 2-6 | 1:30 p.m. – 4:30 p.m.

Ages 11–14
June 14-18 | 9:30 a.m. – 12:30 p.m.
Aug. 2-6 | 9:30 a.m. – 12:30 p.m.

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 take this class. Tablet, phone, and game console versions of Minecraft are not compatible.
*Compatible with MAC and Windows OS only.

Ages 8–11
June 14-18 | 9:30 a.m. – 12:30 p.m.
July 26-30 | 9:30 a.m. – 12:30 p.m.

Ages 11–14
June 14-18 | 1:30 p.m. – 4:30 p.m.
July 26-30 | 1:30 p.m. – 4:30 p.m.

Python Programmers

Want to learn the world's fastest-growing programming language favored by Google, NASA, Youtube, and the CIA? Learn how to code with Python to create engaging apps and games. Each lesson takes you step-by-step on a programming path that will let you challenge friends with fun content you create from start to finish! Returning students can create more advanced projects that build on previous years.
*Compatible with MAC, Windows and Chrome OS.

Ages 8–11
June 14-18 | 1:30 p.m. – 4:30 p.m.
July 12-16 | 1:30 p.m. – 4:30 p.m.
Aug. 9-13 |1:30 p.m. – 4:30 p.m.

Ages 11–14
July 12-16 | 9:30 a.m. – 12:30 p.m.
June 14-18 | 9:30 a.m. – 12:30 p.m.
Aug. 9-13 | 9:30 a.m. – 12:30 p.m.

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. Students can participate in eSports League matches against other schools across the country with a chance to have their levels featured in the Black Rocket master build of the game! This course includes cartoonish action and battle sequences. Student-created games will be available on a password protected Black Rocket website to share with friends and family.
*Compatible with MAC and Windows OS only and requires a 64-bit operating system.

Ages 8–11
June 14-18 | 9:30 a.m. – 12:30 p.m.
July 19-23 | 9:30 a.m. – 12:30 p.m.
Aug. 9-13 |9:30 a.m. – 12:30 p.m.

Ages 11–14
June 14-18 | 1:30 p.m. – 4:30 p.m.
July 19-23 | 1:30 p.m. – 4:30 p.m.
Aug. 9-13 | 1:30 p.m. – 4:30 p.m.

Code Breakers

Calling all future coders, programmers, & 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 high school student who just made $1 million dollars for programming in her bedroom, this course has the essentials you need to begin your journey. Projects will be available on a Black Rocket website to share with friends and family. Returning students can create more advanced projects that build on previous years.
*Compatible with MAC, Windows and Chrome OS.

Ages 8–11
June 21-25 | 9:30 a.m. – 12:30 p.m.
July 19-23 | 1:30 p.m. – 4:30 p.m.
Aug. 16-20 | 1:30 p.m. – 4:30 p.m.

Ages 11–14
June 21-25 | 1:30pm - 4:30 pm
July 19-23 | 9:30 a.m. – 12:30 p.m.
Aug. 16-20 | 9:30 a.m. – 12:30 p.m.

Inventor's 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 eleven-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, learn how to draft 2D designs, create 3D models, and develop a website to pitch your ideas to the class. Student projects will be available on a password protected Black Rocket website to share with friends and family.
*Compatible with MAC and Windows OS only.

Ages 8–11
June 21-25 | 9:30 a.m. – 12:30 p.m.
July 12-16 | 9:30 a.m. – 12:30 p.m.

Ages 11–14
June 21-25 | 1:30pm - 4:30 pm
July 12-16 | 1:30 p.m. – 4:30 p.m.

ROBLOX® Coders & Entrepreneurs!

Discover the Lua language through a visual block coding system while designing worlds in ROBLOX®, an online universe where you can create anything you dream of. This new class combines game design concepts, coding, and fun! Young entrepreneurs will also learn how to navigate ROBLOX's fast-growing marketplace to publish their games. Student-created games will be available on a password protected Black Rocket website to share with friends and family.
*Compatible with MAC and Windows OS only.

Ages 8–11
June 21-25 | 1:30pm - 4:30 pm
July 19-23 | 9:30 a.m. – 12:30 p.m.
Aug. 2-6 | 9:30 a.m. – 12:30 p.m.

Ages 11–14
June 21-25 | 9:30 a.m. – 12:30 p.m.
July 19-23 | 1:30 p.m. – 4:30 p.m.
Aug. 2-6 | 1:30 p.m. – 4:30 p.m.

NEW! Young Authors

Children at this age have an unlimited supply of imagination and ideas. The goal is to show children just how much fun creative thinking can be if they let their imagination soar. Students will develop their own story from start to finish, ending with their own published soft cover book. Learn plot development, character creation, review literary techniques, and self-expression activities, including illustration, dialogue, and more. Typing support provided. At the end of the class all students will receive a soft cover book they created themselves!
*Compatible with MAC, Windows and Chrome OS.

Ages 7–9
June 21-25 | 9:30 a.m. – 12:30 p.m.
Aug. 16-20 | 9:30 a.m. – 12:30 p.m.

Ages 10–13
June 21-25 | |1:30pm - 4:30 pm
Aug. 16-20 | 1:30 p.m. – 4:30 p.m.

YouTube® Content Creators

Find your voice and leave your mark on the world! Whether you are six or sixty, it's time to start a career as the next YouTube star. Explore the variety of content and personalities that exist on YouTube and how to find your own niche. Learn the Dos and Don'ts of the platform and how to practice good digital citizenship. Develop your on-camera presence, your own channel branding, and professional editing skills. Take home a plan for launching your own channel with the content created in class! Student projects will be available on a password protected Black Rocket website to share with friends and family.
*A webcam is required for this course and it is compatible with MAC and Windows OS only.

Ages 8–11
June 21-25 | |1:30pm - 4:30 pm
July 12-16 | 1:30 p.m. – 4:30 p.m.
Aug. 9-13 |1:30 p.m. – 4:30 p.m.

Ages 11–14
June 21-25 | 9:30 a.m. – 12:30 p.m.
July 12-16 | 9:30 a.m. – 12:30 p.m.
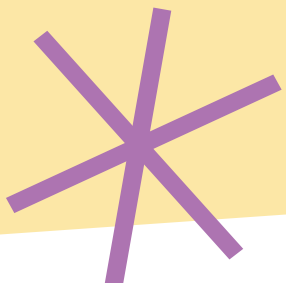Aug. 9-13 |9:30 a.m. – 12:30 p.m.

App Attack!

Take the first steps into the world of mobile app design and customize your own game app! Using a specialized app & game development tool, students 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. Publishing to App Stores not included. Students do not need to own a smartphone or tablet to take this class. Returning students can create more advanced projects that build on previous years.
*Compatible with Windows OS only.

Ages 8–11
June 28-July 2 | 9:30 a.m. – 12:30 p.m.
Aug. 9-13 | 9:30 a.m. – 12:30 p.m.

Ages 11–14
June 28-July 2 | 1:30pm - 4:30 pm
Aug. 9-13 | 1:30 p.m. – 4:30 p.m.

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, students will combine their creations into their own kart racing game that they can play with friends and family at home. Students can participate in eSports League races against other schools across the country with a chance to have their tracks featured in the Black Rocket master build of the game! Student projects will be available on a password protected Black Rocket website to share with friends and family.
*Compatible with MAC and Windows OS only and requires a 64-bit operating system.

Ages 8–11
June 28-July 2 | 9:30 a.m. – 12:30 p.m.
Aug. 2-6 | 9:30 a.m. – 12:30 p.m.

Ages 11–14
June 28-July 2 | 1:30pm - 4:30 pm
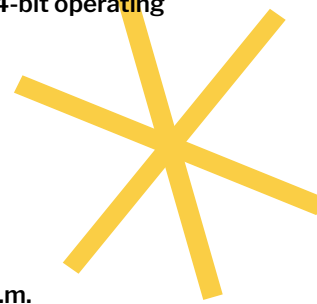Aug. 2-6 | 1:30 p.m. – 4:30 p.m.

NEW! YouTube® FX Masters

In the digital age, nothing is impossible! Become a master of illusion by learning the techniques used by Hollywood masters to create FX magic. Whether you want to enhance your YouTube videos or create a cool scene to amaze your friends; this class teaches the tools you need. Experiment with visual effects as you learn the dynamics of camera angles, editing, graphic layering, and sound effects. Then watch as your new creations take your channel content to the next level! Student projects are available on a password protected Black Rocket website to share with friends and family.
*A webcam is required, compatible with MAC and Windows OS only, and requires a 64-bit operating system.

Ages 8–11
June 28-July 2 | 1:30pm - 4:30 pm
July 19-23 | 1:30 p.m. – 4:30 p.m.
Aug. 23-27 | 1:30 p.m. – 4:30 p.m.

Ages 11–14
June 28-July 2 | 9:30 a.m. – 12:30 p.m.
July 19-23 | 9:30 a.m. – 12:30 p.m.
Aug. 23-27 | 9:30 a.m. – 12:30 p.m.

Virtual Reality: The Future is Now

Embark on an EPIC adventure in virtual reality! In this cutting-edge class, you will learn the foundations of VR design by creating your own virtual worlds, exploring simulated environments, and crafting memorable 3D experiences. A cardboard VR headset is optional for this course. Students may order one from blackrocket.com/store, take the class without a headset, or use any headset that works with a mobile phone. VR projects will be available on a password protected Black Rocket website to share with friends and family.
*Compatible with MAC, Windows and Chrome OS.

Ages 8–11
June 28-July 2 | 1:30pm - 4:30 pm
July 26-30 | 1:30 p.m. – 4:30 p.m.
Aug. 23-27 | 9:30 a.m. – 12:30 p.m.

Ages 11–14
June 28-July 2 | 9:30 a.m. – 12:30 p.m.
July 26-30 | 9:30 a.m. – 12:30 p.m.
Aug. 23-27 | 1:30 p.m. – 4:30 p.m.

UPDATED! Minecraft® Modders

Customize your own Minecraft world and mod the classic game in this one of a kind class. Learn scripting and logic statements as you create your first mods. Students will create a wide variety of new elements, gameplay mechanics, and world generating mods to change the way you play Minecraft. Projects will be available on a password protected Black Rocket website to share with friends and family. Students must own a Java version of Minecraft to take this class. Tablet, phone, and game console versions of Minecraft are not compatible. Returning students can create more advanced projects that build on previous years.
*Compatible with MAC and Windows OS only. Purchase Minecraft Java Edition

Ages 8–11
June 28-July 2 | 9:30 a.m. – 12:30 p.m.
Aug. 9-13 | 9:30 a.m. – 12:30 p.m.

Ages 11–14
June 28-July 2 | 1:30pm - 4:30 pm
Aug. 9-13 | 1:30 p.m. – 4:30 p.m.

3D Game Design with Unity

Are you ready to take your game design skills to another level? With Unity, an industry-grade design software, aspiring game designers will learn level editing, 3D modeling, impactful gameplay creation, as well as how to utilize scripts and variables. Student-created games will be available on a password protected Black Rocket website to share with friends and family. Returning students can create more advanced projects that build on previous years.
*Compatible with MAC and Windows OS only and requires a 64-bit operating system.

Ages 8–11
July 6-9 | 1:30 p.m. – 4:30 p.m.
Aug. 16-20 | 9:30 a.m. – 12:30 p.m.

Ages 11–14
July 6-9 | 9:30 a.m. – 12:30 p.m.
Aug. 16-20 | 1:30 p.m. – 4:30 p.m.

Minecraft® Designers

If you love the game Minecraft and always wanted to design your own world, this class is for you! Learn how to create a custom map, the basics of creating 3D models using a new software to design your very own objects, how to build with Redstone and Command blocks, and create custom textures for you to import at home or share with friends. Students must own a Java version of Minecraft to take this class. Tablet, phone, and game console versions of Minecraft are not compatible. Parent email address is required to use 3D modeling software. Returning students can create more advanced projects that build on previous years.
*Compatible with MAC and Windows OS only. Purchase Minecraft Java Edition

Ages 8–11
July 12-16 | 9:30 a.m. – 12:30 p.m.
Aug. 23-27 | 9:30 a.m. – 12:30 p.m.

Ages 11–14
July 12-16 | 1:30 p.m. – 4:30 p.m.
Aug. 23-27 | 1:30 p.m. – 4:30 p.m.

Video Game Animation

Take your game design skills to the next level by creating and animating your own character sprites, objects, and backgrounds. Start with a name, develop the character's personality, signature moves, special powers, and a storyline. Finish with a fully animated character to be used in your very own game. Students do not need any prior experience in game design, animation, or sketching. Student-created games will be available on a password protected Black Rocket website to share with friends and family.
*Compatible with Windows OS only.

Ages 8–11
July 12-16 | 9:30 a.m. – 12:30 p.m.

Ages 11–14
July 12-16 | 1:30 p.m. – 4:30 p.m.

Pokémon® Masters: Designers & 3D Makers Unite!

Calling all boys and girls who want to be the designers of the future! In this class, if you can dream it, you can make it! Begin by creating your own digital Pokemon-style custom playing card game. Progress onto designing action figures, jewelry, and toys in professional-level modeling software. Learn how to prepare a model for 3D printing and create a design portfolio to showcase your work! No prior experience is necessary and 3D designs will be available on a password protected Black Rocket website to share with friends and family.
*Compatible with MAC and Windows OS only.

Ages 8–11
July 19-23 | 9:30 a.m. – 12:30 p.m.
 Aug. 2-6 | 9:30 a.m. – 12:30 p.m.

Ages 11–14
July 19-23 | 1:30 p.m. – 4:30 p.m.
Aug. 2-6 | 1:30 p.m. – 4:30 p.m.

App.IO: Make Your First Multiplayer App!

The hottest new Apps are IO apps! If your child likes to play Agar.io or Slither.io they will love this class! Become the creator of the next viral web app! In this class, explore the most popular .IO apps, design your own multiplayer experience and learn how to code your own app. Student-created apps will be accessible on a private site and can be played on any mobile device or computer. Publishing to App Stores not included. Students do not need to own a smartphone to take this class. Returning students can create more advanced projects that build on previous years.
*Compatible with Windows OS only.

Ages 8–11
July 26-30 | 9:30 a.m. – 12:30 p.m.

Ages 11–14
July 26-30 | 1:30 p.m. – 4:30 p.m.

Code Your Own Adventure! Interactive Storytelling

Watch as the characters in your imagination come to life in this unique course that blends classic storytelling with animation techniques and coding. Start with a concept, design the characters, and choose not just one ending, but many! Learn how to create your own text-based adventure games with variables, conditional logic, images, HTML, CSS, and Twine scripting syntax. Student projects will be available on a password protected Black Rocket website to share with friends and family.
*Compatible with MAC, Windows and Chrome OS.

Ages 8–11
July 26-30 | 9:30 a.m. – 12:30 p.m.
Aug. 16-20 | 1:30 p.m. – 4:30 p.m.

Ages 11–14
July 26-30 | 1:30 p.m. – 4:30 p.m.
Aug. 16-20 | 9:30 a.m. – 12:30 p.m.

KOC Registration Form

NOTE: Please include your camp selection ($158 per camp, per child), before ($28 per day) and/or after care ($21 per day) and KOC t-shirt ($14 each). There is a one-time registration fee ($2 per child).

Camp Number	Camp Name	Cost
	Total Camp Cost:	

Child's Name: _____

Address: _____

City/State/Zip: _____ Date of Birth: _____

Name of Parent or Legal Guardian: _____

Home Phone: _____ Work Phone (Parent): _____

Email Address: _____

School: _____ Grade (as of Fall 2021): _____

In Case of Emergency Contact: _____ Phone: _____

Tuition and fee payment must accompany registration.

☐ Attached is my check/money order made payable to Butler County Community College.

Please charge my: ☐ VISA ☐ MasterCard ☐ Discover ☐ American Express

Card No. _____ CVC # _____ Exp. Date: _____

Signature: _____

Summer 2021 KOC
Kids On Campus
A Summer Enrichment Program for Grades K-8

2021 KOC T-Shirt - $14 each
Indicate the number of shirts you want beside the size you want below.

Child Size: S ____ M ____ L ____
Adult Size: S ____ M ____ L ____
       XL ___ XXL ____

No. Shirts _____ x $14 = $ _____

Camp Cost Total: $ _____
Before/After Care Total: $ _____
T-Shirt Total: $ _____
$2 Registration Fee: $ _____

Total Payment: $ _____

✓ Locations
CD Kindergarten & Grade 1
Amy Wise Children's Creative Learning Center

TB Grade 2 – Grade 8
Succop Theater Lobby,
Science & Technology Building

✓ Times
Drop-Off: Between 8:50 a.m. and 9:00 a.m.
Pick-Up: 4:00 p.m.

✓ Before & After Care
All campers registered for Before and/or After Care should report to:

TB Succop Theater Lobby, Science & Technology Building
• **Drop-Off:** Between 7:30 a.m. and 9:00 a.m.
• **Pick-Up:** 5:30 p.m.

Note: *All students will be escorted to and from camps by their instructor.*

In-Person Camps Drop-Off & Pick-Up

K☀C

Summer 2021
Kids On Campus

A Summer Enrichment Program for Grades K-8

BUTLER COUNTY COMMUNITY COLLEGE

P.O. Box 1203
Butler, PA 16003-1203

In-Person Camps at BC3

June 14 – July 29
Monday - Thursday

BLACKROCKET
blackrocket.com

Virtual Camps
June 7 – August 20
Monday - Friday

Science & tech, crafts, engineering, cooking, games and more!

BUTLER COUNTY COMMUNITY COLLEGE

Register Now! Visit bc3.edu/koc