- ✓ New Work for Credit
- ✓ Civics and Law
- ✓ Young Entrepreneurs
- ✓ Science and Technology
- ✓ Visual and Performing Arts
- ✓ Culinary Arts
- ✓ SAT Prep

Summer
KIDS AND TEENS LEARNING ACADEMY
at Bergen Community College
For Grades 1 - 12

THINGS TO KEEP IN MIND

- Seats in classes are not reserved until payment is made in full.
- The college reserves the right to change courses, days, times or instructors, and to cancel courses without notice.
- Refund requests must be submitted in writing at least 10 business days before class start date. There will be a $35.00 charge for refunds. This charge will be deducted from the refund amount.
- Transfer requests must be submitted in writing at least 10 business days before class start date. If the class you are transferring to is less expensive, the difference will not be reimbursed. If the class you are transferring to is more expensive, you will be expected to pay the difference.
- When registering your child, please register under his or her name, not the parent's name. Register your child, not yourself.
- If registering more than one child, please remember to create separate registrations with unique usernames and passwords. Please note, the contact email address can be the same but each child cannot use the same email address as the username.

Kids and Teens Learning Academy
Enroll Today! Visit bergen.edu/kidsandteens

Bergen Community College Kids and Teens Summer Programs will run from July^{3rd} through August 18th and will be located at the Paramus campus, utilizing classrooms and outdoor areas. Please peruse the entire catalog before selecting programs. All programs are taught by NJ Certified Teachers or Specialists.

For full day programs please bring a peanut-free, bagged lunch with an extra water bottle. For half day programs, please bring a peanut-free snack and drink.

We are pleased to offer Before and After Care. If you would like your child to take part in an extended day that allows you to bring your child as early as 7:30 a.m. and pick up at or before 5:30 p.m., please remember to purchase a Before and/or After Care for each week's schedule of classes.

There is no supervision before 7:30 a.m. and after 5:30 p.m. A FEE of $50/hour will be charged to your credit card if a child is picked up after 5:30 p.m. No refunds can be provided for cancellation or withdrawal from Before or After Care.

Week 1 (July 3 – July 7) no classes on July 4

Before Care 7:30 - 9:00 a.m.
BCC's staff ensures your child's prompt check-in at their regularly scheduled programs. Your child may enroll in any or all the weeks during which your child is attending a program. **$80**

After Care 4:00 - 5:30 p.m.
At the end of your child's daily program, your child may remain on the BCC campus to participate in supervised activities until 5:30 p.m. Your child may enroll in any or all the weeks during which your child is attending a program. Participants are not permitted to stay on campus following the end of their regularly scheduled day without authorized supervision. A LATE FEE of $50/hour will be charged if the child is not picked up by 5:30 pm. **$80**

9:00 a.m. - 4:00 p.m. (Full Day)
Arts and Crafts Grade 4 - 7
A fun class to learn about various craft projects using simple supplies you may already have at home. We will explore essential inexpensive tools every crafter should have in their craft box. In addition, we will look at how dollar store crafts supplies can make crafting so much fun and how to be willing to take a chance and try new things with just using your imagination. **$320**

LEGO Education WeDo 2.0 Grades 1 - 4
Come explore the world of Robotics using LEGO Education WeDo equipment. Make motorized devices that relate to moving mechanisms using LEGOS and computer software! No prior experience required. **$320**

9:00 a.m. - 12:00 p.m. (Morning Session)
Gross Out Science Grades 1 – 6
Miss Manners might not approve but your child definitely will! Gross out camp is a week of learning about our gross bodily functions. Burping, boogers, excrement, gas, saliva, germs and how our brain, cells, heart, organs and blood contribute to this. Make exploding "toothpaste", edible excrement and handmade ice cream. Take home your own slimy "boogers" and more! **$215**

Easy Macrame Grades 2 – 5
Learn and practice the art of Macramé. In class you will learn macrame knots and patterns. As you practice you will start creating simple yet nice projects. If you like crafts, you will enjoy learning macramé. **$160**

9:00 a.m. - 12:00 p.m. (Morning Session)
I Love Writing Grades 3 – 5
Make your love of writing come to life by revealing the writer within you! Learn a combination of skills that will assist you in finding your voice in your own writing. Learn the building blocks of great writing, good word choices, key techniques and terms including the four types of genres: fiction, nonfiction, poetry, and drama. Practice using imagery, point of view, mood, metaphors, and many more literary terms. Topics are developed according to students' interests. **$140**

Cyber Spies Grades 3 – 9
With the world's increased reliance on digital data, cyber security is more important than ever! In this class you are all that stands between a group of international hackers launching cyber attacks and world peace. Through a series of challenges, students will learn to apply tools used by professional digital forensics teams to crack codes and use encryption. Working in teams you will collect clues, recover lost data, and explore the tools of the trade to become the next great cyber spy! **$215**

Roblox Makers Grade 3 – 9
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. **$215**

Beginners' Guitar Grades 7 – 10 (2-week course)
This introductory course covers all the basics that a beginning guitar player needs to get started. Students will develop playing skills such as picking and strumming and learn scales and chords in the context of the songs they enjoy. Some elementary music theory will be introduced, as well as some of the terms that guitar players need to know. Students must bring their own guitars to class. **$320**

1:00 – 4:00 p.m. (Afternoon Session)
Diggin' for Dinosaurs Grades 1 – 5
Young scientists will discover the exciting science of archaeology and paleontology as they excavate and assemble complete skeletal replicas from simulated "fossilized" rock. Dig for T-Rex, Triceratops, tegosaurus, Velociraptors, Brachiosaurus, and more! Make fossilized plaster replicas of dinosaur teeth, claws, trilobites, and ancient sea creatures. Sort, classify, and take home a variety of fossilized shark teeth. Unearth some fascinating facts about rocks, minerals, and crystals. Break open geodes and discover crystals inside. Take home a unique mini-collection of rocks and minerals that you will learn about in the program, a rock and mineral book, unearthed treasures, fossilized shark teeth, and more. **$215**

Week 1 (July 3 – July 7) no classes on July 4

1:00 – 4:00 p.m. (Afternoon Session)
Summer of Science Grades 1 – 6
Join us this summer as we explore all the different areas of science! Don't look now ... or well ... actually do look, as we use our eyes in Optical Illusions and create their own periscope. Just when they thought they've had all of the awesome science they can handle, its time for Lights ... Color ... ACTION!! as we create indoor fireworks and lighten things up with fantastic lights and color displays, and as a grand finale to this amazing program the kids will learn all about heat and get to make their own cotton candy to eat!! **$215**

Summer Reading Grades 3 – 5
Do you want to get your summer reading and reading work finished quickly? Then this is the class for you! Bring your school's approved novel and any assigned work that goes along with it. We will create a reading plan for the week to ensure that you will finish reading your summer reading book quickly and effectively! You will be taught different reading strategies throughout the week to help you become a better reader and to avoid the "summer slide." **$140**

Virtual Reality Grades 3 – 9
Embark on an EPIC adventure in virtual reality! In this cutting-edge class, learn the foundations of VR design by creating your own virtual worlds, exploring simulated environments, crafting 3D experiences, and learning basic programming concepts. At the end of the week, 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 mobile device. Students do not need a mobile device to take the class. VR projects will be available on a password protected Black Rocket website to share with friends and family. **$215**

Young Investors and Entrepreneurs Grades 6 – 9
This class teaches kids the secrets of building financial wealth and security! Whether you want to build the next great American company, become a Wall Street tycoon, or be the millionaire next door by investing wisely - this camp is for you! In this course you will learn the basics of investing in the stock market, the difference between assets and liabilities, the importance of diversification, and how to evaluate companies. You will also develop your own business plan and present your ideas to your peers to compete for their investments in a mock Shark Tank style activity. **$215**

1:00 – 4:00 p.m. (Afternoon Session)
Introduction to Songwriting Grades 7 – 10 (2-week course)
Create your own melodies and turn your thoughts, ideas and feelings into lyrics. This course explores melody, harmony, rhythm, lyric writing, and the components (verse, chorus, bridge, etc.) that provide the structures of songwriting. Also, participants will learn to work both collaboratively and independently through the creative process. **$140**

Week 2 (July 10 – July 14)

Before Care 7:30 - 9:00 a.m.
BCC's staff ensures your child's prompt check-in at their regularly scheduled programs. Your child may enroll in any or all the weeks during which your child is attending a program. **$100**

After Care 4:00 - 5:30 p.m.
At the end of your child's daily program, your child may remain on the BCC campus to participate in supervised activities until 5:30 p.m. Your child may enroll in any or all the weeks during which your child is attending a program. Participants are not permitted to stay on campus following the end of their regularly scheduled day without authorized supervision. A LATE FEE of $50/hour will be charged if the child is not picked up by 5:30 pm. **$100**

9:00 a.m. - 4:00 p.m. (Full Day)
Ceramics Grades 2 – 5
A week of an exploratory class designed to introduce students to basic hand building techniques in ceramics using (self-drying) clay. Students will focus on creativity and self-expression and recognize and use the art element (form). They will build pinch pots, coil designs and slab forms. **$430**

Mock Trial Grades 6 – 8
Guilty or innocent? In this class, students will learn the elements of public speaking, principles of the court system, and how to debate the pro and con side of an issue. Students will serve as either a member of the prosecution, the defense, a witness, or a judge. At the end of the class a jury of your peers will deliberate and decide the fate of the accused. **$400**

Watercolor Grades 6 – 9
This beginner watercolor class is a perfect way to explore and express your inner-artist. The beginning watercolor class will teach you a wide variety of techniques including brush usage, color mixing, color application, and how to find your unique painting style. We will complete mini projects such as landscape, ZenTangles and more. Come join us for a relaxing and fun way to learn watercolor! **$430**

Week 2 (July 10 – July 14)

9:00 a.m. - 4:00 p.m. (Full Day)

Young Entrepreneurs Grades 6 – 9
Learn how to research your business venture, create a business plan, design your product or service, market and sell your idea! You will learn various new computer skills as you embark on the journey of designing your own business! **$400**

Spanish Dialogue and Interactions Grades 7 – 11
Based on the highly awarded cultural film "Encanto", this class is designed to be challenging and stimulating, focusing on basic methods of conversing based on Hispanic custom. **$400**

9:00 a.m. - 12:00 p.m. (Morning Session)

LEGO Building and Machines Grades 1 – 5
LEGO enthusiasts, have fun building your favorite adventure from the many themes that LEGO has to offer. We will offer projects from LEGO Star Wars, City Architecture, Friends, Creator, and many NEW themes. Projects will vary depending on availability from LEGO headquarters but will include age-appropriate new models. Campers will also build a wide assortment of LEGO Education technic machines and create their own projects that illustrate science concepts. Examples include cranes, remote controlled cars, a piano player, and many more. We will also have LEGO Robotics. **$250**

Fiesta Fun Grades 2 – 5
Come join us as we explore Latin American dishes! Learn the ingredients and methods used to cook simple, yet delicious tacos, wraps, and more in preparation for an end of the day fiesta, piñata included! **$200**

Python Programmers Grades 3 – 6
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. **$265**

Simple Desserts Grades 5 – 8
This course has been developed to provide youngsters a culinary experience with basic knowledge and the necessary skills to produce quality simple desserts. With guidance from a professional chef, students will be creating simple desserts such as a fruit tart, panna cotta with fresh berries, chocolate French pudding with almond biscotti, to name a few. **$350**

9:00 a.m. - 12:00 p.m. (Morning Session)

Smash Brawler Grades 6 – 8
If you love games like Super Smash Bros™, you will love this class! Using professional development software, customize your own 2D brawler game and configure your own characters. Learn how to balance multiplayer gameplay by modifying variables and editing scripts. Then challenge your classmates to compete on the platform level you designed. Smash Brawler games will be available on a password protected Black Rocket website to share with friends and family. **$265**

I Love Writing Grades 6 – 8
Make your love of writing come to life by revealing the writer within you! Learn a combination of skills that will assist you in finding your voice in your own writing. Learn the building blocks of great writing, good word choice, key techniques and terms including the four types of genres: fiction, nonfiction, poetry, and drama. Practice using imagery, point of view, mood, metaphors, and many more literary terms. Topics are developed according to students' interests. **$175**

iPhone Photography Grades 6 – 8
iPhone cameras are everywhere and are truly in our daily lives. This course teaches the fundamentals for making better digital images. Learn the basics of composition and personal expression using creative settings with the camera's photo apps and more. Learn to make good photographs by learning all the extra functions that these smart cameras can do–seeing the subject, framing the shot, portrait photography, stopping motion or blurring action using apertures and shutter speeds. The class will use the Bergen Community campus and fellow students to capture imagery and subjects. Students will focus on specific challenges, using Adobe Lightroom to crop and adjust exposures, learn from each other through group discussions, and make prints of some of the images we capture. **An iPhone is required for this class. $200**

Acting Workshop Grades 8 – 12
This class explores many aspects of acting, including ensemble-building theater games, improvisation, scene study, character development, audition techniques, monologue study, set design and costume design. Students should be prepared to actively participate. The week ends with a live, short production -- students will showcase their new skills! **$200**

Week 2 (July 10 – July 14)

Farm to Table Grades 1 – 5
In this delicious class students will learn about a different herb of the day then prepare something yummy using that ingredient. Some of our favorites are learning about basil then making pesto or fresh dill and jar our own pickles or scallions with amazing dips, at the end of each class students will plant the herb we learned about and by the end of the program they will have started their own garden! Peanut and tree nut free. **$275**

Arts, Crafts and 3D Design Grades 2 – 6
Have fun making and creating as we explore a wide variety of arts and craft projects that will bring out the artist in you and put the "A" for Art in our STEAM camps! Projects include sand art, friendship bracelets, painting, making a rain stick, 3D pens, CD spinners, mosaic Sun crafts, and even an introduction to CAD drawing and 3-D printing on our Makerbot 3D printer. Most projects can be taken home! **$250**

Smash Brawler Grades 3 – 6
If you love games like Super Smash Bros™, you will love this class! Using professional development software, customize your own 2D brawler game and configure your own characters. Learn how to balance multiplayer gameplay by modifying variables and editing scripts. Then challenge your classmates to compete on the platform level you designed. Smash Brawler games will be available on a password protected Black Rocket website to share with friends and family. **$265**

Artisan Bread Making Grades 5 – 8
Summer Chefs will learn the art of making various types of breads in this culinary workshop. Experience the art and science behind combining specific recipe ingredients to make delicious bread from scratch! Students will apply math and engineering, as they mix and measure and assemble and create their breads. Kitchen health and safety practices will be introduced during the first class, and practiced throughout. **$350**

Python Programmers Grades 6 – 8
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. **$265**

Book Club: Long Live the Pumpkin Queen Grades 8 – 12
Calling all *Nightmare Before Christmas* fans! Have you ever wondered what happened after The Nightmare Before Christmas film? We will deeply read, discuss, and create projects with the new fantasy, horror fiction novel, *Long Live the Pumpkin Queen* written by Shea Ernshaw. We will explore how "Jack and Sally are 'truly meant to be'... or are they? Can Sally discover what it means to be true to herself and save the town she's learned to call home, or will her future turn into her worst... well, nightmare?" A copy of the book would be beneficial but, if you are unable to receive a book, a digital copy will be projected for the class. **$175**

iPhone Photography Grades 9 – 12
iPhone cameras are everywhere and are truly in our daily lives. This course teaches the fundamentals for making better digital images. Learn the basics of composition and personal expression using creative settings with the camera's photo apps and more. Learn to make good photographs by learning all the extra functions that these smart cameras can do—seeing the subject, framing the shot, portrait photography, stopping motion or blurring action using apertures and shutter speeds. The class will use the Bergen Community campus and fellow students to capture imagery and subjects. Students will focus on specific challenges, using Adobe Lightroom to crop and adjust exposures, learn from each other through group discussions, and make prints of some of the images we capture. **An iPhone camera is required for this class. $200**

Week 3 (July 17 – July 21)

BCC's staff ensures your child's prompt check-in at their regularly scheduled programs. Your child may enroll in any or all the weeks during which your child is attending a program. **$100**

At the end of your child's daily program, your child may remain on the BCC campus to participate in supervised activities until 5:30 p.m. Your child may enroll in any or all the weeks during which your child is attending a program. Participants are not permitted to stay on campus following the end of their regularly scheduled day without authorized supervision. A LATE FEE of $50/hour will be charged if the child is not picked up by 5:30 pm. **$100**

Week 3 (July 17 – July 21)

9:00 a.m. - 4:00 p.m. (Full Day)

Painting Grades 1 – 5
A week of an exploratory class designed to help improve students' basic art skills in painting using acrylic and watercolor painting and blending techniques. Students will focus on creativity and self-expression, and recognize and use the art elements (line, shape, color, value, form). **$430**

City Art! Grades 4 – 8
When you walk down the street of the city, do you often wonder how the art on the sides of buildings or sidewalks came to be? Or have you or looked up at the architecture, or a sculpture? Someone designed and created these works of art. Come join us to learn about some of these artists and learn why they left these masterpieces for you to enjoy. We will also create our own masterpieces inspired by some of the works of art we will look at. REQUIREMENT: One white t-shirt, washed, to create something amazing. **$430**

Beginning Sewing Grades 4 – 8
An introductory class to learn the basics of hand sewing and the endless options of projects to make. A wide variety of topics, techniques and supplies will be explored and using that information we will perform the steps to have your ideas come to a finished project to take home. Students will learn techniques they will carry on to other areas in their daily lives and how valuable this information will be. **$400**

Model U.N. Grades 6 – 8
Discover global issues, world diplomacy, and parliamentary procedure through role-playing. You become the "delegate" of a Model United Nations (UN) to explore ways of solving international crises using critical thinking skills, research, and debate. Gain a global vision of our world by taking part in this simulated UN experience. **$400**

Spanish Multicultural Experience Grades 7 – 11
Kids will develop a knowledge and understanding of Spanish culture through interactive projects based on the highly awarded cultural film "Encanto". **$400**

9:00 a.m. - 12:00 p.m. (Morning Session)

Star Wars and Pirates Grades 1 – 4
Have fun building vehicles and other artifacts related to pirates and the Star Wars collection. **$175**

9:00 a.m. - 12:00 p.m. (Morning Session)

Piñatas 1-2-3 Grades 1 – 5
A traditional art in Spanish culture is piñata making. This messy and long process craft is also fun and creative. This class will teach you the step-by-step process. During the week you will create simple to more complex piñatas. Once finished, projects are taken home for you to enjoy! Note: bring a smock or old t-shirt to use during class. **$175**

Underground Explorers Grades 1 – 6
Kids learn about archaeology and the techniques scientists use to excavate long lost cities! They discover ancient civilizations and the tools and artifacts they used in everyday life! They also study bone fragments, pottery shards, amber deposits, and fossils to understand what they can tell us about history! What's more, each class includes a make and take-home project, like a fossil reproduction, an amber time capsule, and coins from around the world! **$265**

Super Science STEM Challenges Grades 2 – 6
In this engineering camp, you will have fun integrating Science, Technology, Engineering, Art, and Mathematics by building and designing a wide range of gadgets, inventive machines, towers, crazy contraptions, and more. Projects include: The Great Tower Challenge, Wooden Coaster Challenge, Structural Engineering Challenge, Egg Drop, Magnificent Marble Machine, and a host of other fun contests designed to bring out the engineer in you! **$250**

Cloud Gamers: Mobile App Development Grades 3 – 6
Cloud gaming is the way of the future! Build games you can play everywhere and anywhere using a web-based development tool. Learn in-demand skills like programming events and coding controls for a touch screen or keyboard and mouse. Finish by personalizing levels and characters with your own design. Now you are ready to upload your games to the Black Rocket cloud arcade and play on any mobile device or computer. Games can easily be shared with friends and family! **$265**

Smoothies, Juices, Parfaits, Acai Bowls Grades 5 – 8
Students will learn the art of crafting fun, nutrient-rich, delicious, and customized smoothies! Plus, juices, fruit salads, parfaits, and acai bowls – using fresh ingredients. Next, let's all Scream for Ice Cream! Utilizing ice cream prepared in-house participants will create desserts like ice cream cakes, pies à la mode, ice cream sandwiches, and more. Participants will learn the correct use of pastry bags, basic piping skills, culinary measuring skills, and introductory decorating. They will practice some math and engineering, as they mix and measure, assemble and create! **$350**

9:00 a.m. - 12:00 p.m. (Morning Session)

How to Read Music Grades 6 - 8
This course will prepare you with a basic understanding of how to read music. You will learn about the grand staff, rhythm, pitch, time signatures, key signatures, and more! **$175**

Minecraft Redstone Grades 6 – 9
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! **$265**

Improv Workshop Grades 8 – 12
This class is about fun! We use theatre games and physical exercises to teach kids the basics of improvisation. Students are encouraged to use their imaginations as they learn to create characters, build scenes and invent whole worlds without ever using a costume, prop or set piece. You will also practice teamwork and listening skills to help you work as an ensemble and learn the discipline of performance. **$200**

Photoshop Graphics Grades 8 – 12
From logo designs, avatars, cool decals, and any graphic idea, all these designs start with a create sketch and are then created with Adobe Photoshop. Learn to take your ideas and turn them into eye-popping digital art. Use basic image editing techniques to compose, transform, and enhance a variety of digital images into a unique design. Class projects focus on logo designs, avatars, graphic stickers, and more. Basic computer and mouse skills are required. **$200**

1:00 – 4:00 p.m. (Afternoon Session)

Cool Tools for the Kitchen Grades 1 – 5
In this fun-filled program, kids will learn about and how to use a new kitchen tool in each class! You will use tools such as a garlic press; cheese grater; manual juicer; lemon zester; egg/strawberry slicer, and mallet too! They will make a variety of fun foods and drinks with these tools to either bring home to cook up or enjoy as a no-bake snack in class. Peanut and tree nut free. **$275**

1:00 – 4:00 p.m. (Afternoon Session)

Wacky Watts Grades 1 – 6
This camp is extremely electric!! Learn all about electricity, it's properties and how we use it every day!! Make indoor lighting as you conduct Hair-Raising experiments and explore the amazing Tesla Coil! It promises to be shocking!!!! Jump in and investigate inertia, gravity, and centripetal force. Let's join Bernoulli and Newton as we look into their work in aerodynamics and the properties of air!!! We will play Mad Science Air Hockey, Generate Vortex generators, and defy gravity as we levitate a ping pong ball!! Don't Crack as we become Under Pressure!! **$265**

Chemical Wizardry Grades 2 – 6
Our favorite experiments combined into one super class of science! Get ready for a fun-filled "magical" laboratory experience Harry Potter style! This class is an introduction to the science of chemistry and physics. In addition to learning about atoms, bonding, and the periodic table, you will enjoy making Flubber, Silly Putty, Super Hi-Bounce balls, and more. Have fun making play dough, Glowing Goo, and even a tie-dye style shirt. We will create atomic worm polymers and lava lamp-like blobs. We will also demonstrate the Big Bang Cannon, diet Coke and Mentos Geyser, Magic Genie in the bottle, and more. Most projects will be taken home along with a recipe booklet and mini chemistry kit! **$250**

Minecraft Redstone Grades 3 – 6
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! **$265**

Theater Workshop Grades 4 – 6
Act out scenes from your favorite plays, musicals, movies, and TV shows! You will learn about the elements of drama through a variety of games and activities and then apply them to your acting. **$175**

Star Wars and LEGO Pirates Grades 5 – 7
Have fun building vehicles and other artifacts related to pirates and the Star Wars collection. **$175**

Week 3 (July 17 – July 21)

1:00 – 4:00 p.m. (Afternoon Session)
Small Plates and Appetizers Grades 5 - 8
This course will be dedicated to the skill building of appetizer and tapas style cuisine. With fresh ingredients like high quality meats and professional guidance you will be able to produce industry-level cuisine in class! Focusing on hors d'oeuvres, small bites, tapas, and apps you'll get an insight into these customer favorites. Next, we'll head to the Southwest to explore Tex Mex and Latin Cuisine. Prepare dishes such as arroz con pollo and street tacos! We'll learn to make authentic dips, including pico de gallo and guacamole. **$350**

Cloud Gamers: Mobile App Development Grades 6 – 9
Cloud gaming is the way of the future! Build games you can play everywhere and anywhere using a web-based development tool. Learn in-demand skills like programming events and coding controls for a touch screen or keyboard and mouse. Finish by personalizing levels and characters with your own design. Now you are ready to upload your games to the Black Rocket cloud arcade and play on any mobile device or computer. Games can easily be shared with friends and family! **$265**

Website Design Grades 8 – 12
Learn to make your own personal web page for yourself, a special group or club. Get a basic understanding of the Wordpress program. Build the web page with free templates, Gutenberg blocks, Google fonts, Awesome icons and more. Work in teams or on your own–share elements and learn some basic customizations. Class projects focus on logo headers, page sections, headings, subheads, feature copy, sidebars, footing copy and more. Basic computer and mouse skills are required. **$200**

Week 4 (July 24 – July 28)

Before Care 7:30 - 9:00 a.m.
BCC's staff ensures your child's prompt check-in at their regularly scheduled programs. Your child may enroll in any or all the weeks during which your child is attending a program. **$100**

After Care 4:00 - 5:30 p.m.
At the end of your child's daily program, your child may remain on the BCC campus to participate in supervised activities until 5:30 p.m. Your child may enroll in any or all the weeks during which your child is attending a program. Participants are not permitted to stay on campus following the end of their regularly scheduled day without authorized supervision. A LATE FEE of $50/hour will be charged if the child is not picked up by 5:30 pm. **$100**

9:00 a.m. - 4:00 p.m. (Full Day)
Arts and Crafts Grades 4 - 7
A fun class to learn about various craft projects using simple supplies you may already have at home. We will explore essential inexpensive tools every crafter should have in their craft box. In addition, we will look at how dollar store crafts supplies can make crafting so much fun and how to be willing to take a chance and try new things with just using your imagination.**$400**

Clay Sculptures Grades 5 – 8
We will create and construct using one of my favorite materials, CLAY! We will learn hand building techniques that will allow us to make cool things such as pinch pot animals, build with slab pieces, attach parts securely and add surface decorations with textures and build with solid clay by manipulating the clay with our hands and carving tools. **$430**

Debate Club Grades 6 – 8
Do you like to engage in discussions, structured arguments, and express your point of view? Then come learn debate strategies, how to research and prepare speeches, and even participate in a mock trial. This program will prepare you for your school's debate team and your future as a lawyer or advocate! **$400**

9:00 a.m. - 4:30 p.m. (Full Day – Friday only)
Babysitter Training Grades 6 – 8
Babysitter Training is provided by the American Red Cross and is designed for young people to gain the knowledge and skills necessary to safely and responsibly give care to infants and children in a residential setting. Students learn about basic child-care and basic first aid. Participants receive a certificate of completion. **The class runs for one day only on Friday 7/28 from 9 a.m - 4:30 p.m. $180**

9:00 a.m. - 12:00 p.m. (Morning Session)
K'NEX Amusement Park Grades 1 – 3
Have you ever wondered how they make those incredible rides you see at the amusement park? You will design and build working models of your favorite rides using K'NEX construction systems. Projects will include a motorized swing, ferris wheel, roller coasters, and others! **$175**

Week 4 (July 24 – July 28)

Mini Robotics Grades 1 – 5

Have fun building and creating using your imagination. Campers will construct a wide range of robot projects throughout the week. Projects will include constructing a Battle-Bot from our huge Robot modular collection, participating in our robot tug-o' war, Olympic competition, soccer match, giant ramp race, Mission to Mars Robot Challenge, and more. Campers will learn engineering principles in a fun, hands-on atmosphere. (Additional exploration will take place with several other types of robots that allow for fun robotic exploration and coding! We will explore with NEW Sphero RVR robots, Bolt, Ozobot, Botley, and more.) All students will take home a robot as part of this camp. **$250**

Intermediate Spanish for Kids Grades 2 – 6

Practice Spanish through fun interactive activities and games. Our daily focus will include conversations through greetings and vocabulary strengthening through skits, songs and games. Test your knowledge with our daily activity challenge. **$175**

YouTube Content Developers Grades 3 – 6

Find your voice and leave your mark on the world! Whether you are six or sixteen, 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 niche. Learn the platform's dos and don'ts 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 family and friends. **$265**

Introduction to Baking Grades 5 – 8

This course is a study of the basic theory of baking and proper tool and equipment use. Hands-on baking in a laboratory setting includes the production of dough, quick breads, pies, cakes, cookies, tarts or fundamental items made in a pastry shop or bakery. Demonstration and practice of various cooking methods while adhering to safe sanitary food handling procedures. **$350**

JavaScript Developer Jam Grades 6 – 8

Learn programming tools so powerful they seem like magic! Start by exploring 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. **$265**

9:00 a.m. - 12:00 p.m. (Morning Session)
STEM Challenges Grades 7 – 9

Have fun solving problems using the engineering design process. Each day you will be faced with challenges that require you to design and build the solution. There may be additional challenges along the way! **$200**

Beginner Guitars II Grades 7 – 10 (2-week course)

This introductory course covers all the basics that a beginning guitar player needs to get started. Students will develop playing skills such as picking and strumming and learn scales and chords in the context of the songs they enjoy. Some elementary music theory will be introduced, as well as some of the terms that guitar players need to know. Students must bring their own guitar to class. **$400**

Lightroom Photography Retouching Grades 8 – 12

Make your image stand out by learning the basics of Adobe Photoshop Lightroom. Bring your favorite images to start with. Learn the basic image editing process and transform, enhance, and compose your photos. Photoshop Lightroom can be used to crop, color balance, eliminate background items, sharpen contrast, add creative filters and more. Basic computer and mouse skills are required. **$200**

1:00 – 4:00 p.m. (Afternoon Session)
Kids Show Cupcakes Grades 1 – 5

Chef It Up 2 Go picks a fun kid show and guides the chefs to prepare 2 or 3 cupcakes to look like the characters from that show using fondant, gum paste and other sweet treats! Some of our favorite shows are: Mickey and Minnie, Sponge Bob; Wizard of Oz; Monsters Inc.; Sesame Street and more! A light snack and drink will be provided in this class so they can take the cupcakes home to show! Peanut and Tree Nut Free. **$275**

Eureka! The Inventors Camp Grades 1 – 6

Inventing means curiosity, practicality, necessity, and imagining the future! Join us in our Eureka Camp as we step into outer space by launching self-built stomp rockets. Children will witness a volcanic eruption and learn how magnets can help search for shipwrecks. They will work together to design and build bridges and boats to eventually escape an island and find their way home! Children will even have the chance to launch projectiles with catapults and a large trebuchet! **$265**

JavaScript Developer Jam Grades 3 – 6

Learn programming tools so powerful they seem like magic! Start by exploring 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. **$265**

Week 4 (July 24 – July 28)

Mini Drones and Flying Physics Grades 3 – 8

Take to the skies with mini drones, quadcopters, and more! This camp is the perfect introduction to the world of unmanned aerial vehicles (UAVs). In this camp, safety is a priority as students learn to fly in first-person view (FPV), exploring the real-world applications of drones. Students go through Droneology, the online drone education platform, master basic piloting skills, construct an obstacle course to fly through and stage a final race to showcase their cumulative knowledge. Campers will brainstorm ways drones could be used for good, sketching out their ideas for new and innovative drones and drone uses. Campers will also experiment with paper planes, flying gadgets, rockets, gyroscopes, physics toys, balloon cars, and much more. All students will take home their own mini-drone. **$250**

K'NEX Amusement Park Grades 5 – 7

Have you ever wondered how they make those incredible rides you see at the amusement park? You will design and build working models of your favorite rides using K'NEX construction systems. Projects will include a motorized swing, ferris wheel, roller coasters, and others! **$175**

International Cuisine Grades 5 - 8

Campers will learn how to prepare foods from various countries around the world. **$350**

YouTube Content Developers Grades 6 – 8

Find your voice and leave your mark on the world! Whether you are six or sixteen, it's time to start a career as the next YouTube star. Explore the variety of content and personalities on YouTube and how to find your niche. Learn the platform's dos and don'ts 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 family and friends. **$265**

Songwriting II Grades 7 – 10 (2-week course)

This course moves beyond the basics of songwriting to touch on such subjects as writing a good book, voice leading, recording, marketing and more. **$400**

DSLR Photography Grades 8 – 12

Do you have a Digital Single Len Reflex (DSLR) camera that you want to learn more about? Do you only use the program setting and wonder what all the other settings are? Learn how to use these cameras in variety of modes including Aperture setting, and Shutter speed setting, even Manual setting and learn to make

more creative images–such as stop motion, blur backgrounds, portrait Bokeh effects and more. Class requirements: A DSLR camera, camera manual, and a card reader and/or cables to download images from your camera. **$200**

Week 5 (July 30 – August 4)

Before Care 7:30 - 9:00 a.m.

BCC's staff ensures your child's prompt check-in at their regularly scheduled programs. Your child may enroll in any or all the weeks during which your child is attending a program. **$100**

After Care 4:00 - 5:30 p.m.

At the end of your child's daily program, your child may remain on the BCC campus to participate in supervised activities until 5:30 p.m. Your child may enroll in any or all the weeks during which your child is attending a program. Participants are not permitted to stay on campus following the end of their regularly scheduled day without authorized supervision. A LATE FEE of $50/hour will be charged if the child is not picked up by 5:30 pm. **$100**

9:00 a.m. - 4:00 p.m. (Full Day)

Beginning Sewing Grades 4 – 8

An introductory class to learn the basics of hand sewing and the endless options of projects to make. A wide variety of topics, techniques and supplies will be explored and using that information we will perform the steps to have your ideas come to a finished project to take home. Students will learn techniques they will carry on to other areas in their daily lives and how valuable this information will be. **$400**

LEGO Education WeDo! Grades 5 – 7

Come explore the world of Robotics using LEGO Education WeDo equipment. Make motorized devices that relate to moving mechanisms using LEGOS and computer software! No prior experience required. **$350**

9:00 a.m. - 12:00 p.m. (Morning Session)

NASA: Academy of Future Space Explorers Grades 1 – 6

From our Earth's atmosphere to the outer reaches of our solar system, this hands-on program sends children on a quest for exploration! Comets, planets, stars and more are all waiting to be discovered. Learn about the four forces of flight, the challenges of space travel, and even build your own model rocket! **$265**

Week 5 (July 30 – August 4)

Chemical Wizardry Grades 2-6
Our favorite experiments combined into one super class of science! Get ready for a fun-filled "magical" laboratory experience Harry Potter style! This class is an introduction to the science of chemistry and physics. In addition to learning about atoms, bonding, and the periodic table, you will enjoy making Flubber, Silly Putty, Super Hi-Bounce balls, and more. Have fun making play dough, Glowing Goo, and even a tie-dye style shirt. We will create atomic worm polymers and lava lamp-like blobs. We will also demonstrate the Big Bang Cannon, diet Coke and Mentos Geyser, Magic Genie in the bottle, and more. Most projects will be taken home along with a recipe booklet and mini chemistry kit! **$250**

Pies and Cakes Grades 3 – 5
This course is designed to educate young students in the art of baking and pastry. Students will learn the basic mixing, shaping, and baking for pies and cakes. Following easy instruction students will bake in a well-equipped kitchen. Basic apple and blueberry pies as well as chocolate ganache mousse cake will be made by the students, to name a few. **$350**

Roblox Coders and Entrepreneurs Grades 3 – 6
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. **$265**

Racing Games with Unity Grades 6 – 8
On your mark, 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 Unity, 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. **$265**

Theater Workshop Grades 7 – 9
Act out scenes from your favorite plays, musicals, movies, and TV shows! You will learn about the elements of drama through a variety of games and activities and then apply them to your acting. **$175**

SD-661 SAT Verbal Review Grades 9 – 12
Studies have shown that the secret to better SAT scores begins with improving math and verbal skills and ends with practice, practice, and more practice. Topics include: pertinent grammar skills (verbal), test-taking strategies, concept building, deductive reasoning, practice testing, logical thinking. Required text: College Board Official SAT Study Guide (2020 Edition) (Official Study Guide for the New SAT). Please purchase textbook before the first day of class. **$200**

KT-640-002 iPhone Photography Grades 9 – 12
iPhone cameras are everywhere and are truly in our daily lives. This course teaches the fundamentals for making better digital images. Learn the basics of composition and personal expression using creative settings with the camera's photo apps and more. Learn to make good photographs by learning all the extra functions that these smart cameras can do–seeing the subject, framing the shot, portrait photography, stopping motion or blurring action using apertures and shutter speeds. The class will use the Bergen Community campus and fellow students to capture imagery and subjects. Students will focus on specific challenges, using Adobe Lightroom to crop and adjust exposures, learn from each other through group discussions, and make prints of some of the images we capture. An iPhone camera is required for this class. **$200**

Super Spies and Daring Detectives Grades 1 – 6
Calling all agents! This camp is part forensics and part "spy science". Step into the shoes of a detective-uncover the science involved in evidence gathering and analysis. Students will create, collect, and analyze evidence and discover what skills are necessary as a crime scene lab technician! **$265**

Artisan Bread Making Grades 3 - 5
Summer Chefs will learn the art of making various types of breads in this culinary workshop. Experience the art and science behind combining specific recipe ingredients to make delicious bread from scratch! Students will apply math and engineering, as they mix and measure and assemble and create their breads. Kitchen health and safety practices will be introduced during the first class, and practiced throughout. **$350**

Week 5 (July 30 – August 4)

1:00 – 4:00 p.m. (Afternoon Session)
Racing Games with Unity Grades 3 – 6
On your mark, 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 Unity, 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. **$265**

Cross Stitching Grades 5 – 11
Create artwork through cross-stitching. This course will teach you the three basic stitches required to create a basic picture: cross stitch, half stitch, and back stitch. You will have a choice of patterns to work on throughout the week as you learn. **$200**

Roblox Coders and Entrepreneurs Grades 6 – 8
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. **$265**

iPhone Photography Grades 6 – 8
iPhone cameras are everywhere and are truly in our daily lives. This course teaches the fundamentals for making better digital images. Learn the basics of composition and personal expression using creative settings with the camera's photo apps and more. Learn to make good photographs by learning all the extra functions that these smart cameras can do–seeing the subject, framing the shot, portrait photography, stopping motion or blurring action using apertures and shutter speeds. The class will use the Bergen Community campus and fellow students to capture imagery and subjects. Students will focus on specific challenges, using Adobe Lightroom to crop and adjust exposures, learn from each other through group discussions, and make prints of some of the images we capture. An iPhone camera is required for this class. **$200**

1:00 – 4:00 p.m. (Afternoon Session)
SAT Math Review Grades 9 – 12
Studies have shown that the secret to better SAT scores begins with improving math and verbal skills and ends with practice, practice, and more practice. Topics include: test-taking strategies, applicable math skills, concept building, deductive reasoning, practice testing, logical thinking. Required text: College Board Official SAT Study Guide (2020 Edition) (Official Study Guide for the New SAT). Please purchase textbook before the first day of class. **$200**

Week 6 (August 7 - August 11)

Before Care 7:30 - 9:00 a.m.
BCC's staff ensures your child's prompt check-in at their regularly scheduled programs. Your child may enroll in any or all the weeks during which your child is attending a program. **$100**
After Care 4:00 - 5:30 p.m.
At the end of your child's daily program, your child may remain on the BCC campus to participate in supervised activities until 5:30 p.m. Your child may enroll in any or all the weeks during which your child is attending a program. Participants are not permitted to stay on campus following the end of their regularly scheduled day without authorized supervision. A LATE FEE of $50/hour will be charged if the child is not picked up by 5:30 pm. **$100**

9:00 a.m. - 4:00 p.m. (Full Day)
LEGO Education We Do Grades 1 – 4
Come explore the world of Robotics using LEGO Education WeDo equipment. Make motorized devices that relate to moving mechanisms using LEGOS and computer software! No prior experience required. **$350**

Mock Trial Grades 6 – 8
Guilty or innocent? In this class, students will learn the elements of public speaking, principles of the court system, and how to debate the pro and con side of an issue. Students will serve as either a member of the prosecution, the defense, a witness, or a judge. At the end of the class a jury of your peers will deliberate and decide the fate of the accused. **$400**

9:00 a.m. - 4:30 p.m. (Full Day – Friday only)
Babysitter Training Grades 6 – 8
Babysitter Training is provided by the American Red Cross and is designed for young people to gain the knowledge and skills necessary to safely and responsibly give care to infants and children in a residential setting. Students learn about basic child-care and basic first aid. Participants receive a certificate of completion. **The class runs for one day only on Friday 8/11 from 9:00 a.m. - 4:30 p.m. $180**

Week 6 (August 7 - August 11)

NASA: Astro Inventors Grades 1 – 6

Our campers should be prepared for an action-packed week as they think and act like NASA innovators. Campers will be challenged to use creative and collaborative skills to design a mission patch, train like an astronaut, and solve real-world engineering problems. Armed with the spark of an idea, a design notebook, and physical and digital tools, teams will modify NASA technology into spinoff designs. We help our campers ignite their creative thinking and shoot for the stars. **$265**

Super Science STEM Challenges Grades 2 – 6

In this engineering camp, you will have fun integrating Science, Technology, Engineering, Art, and Mathematics by building and designing a wide range of gadgets, inventive machines, towers, crazy contraptions, and more. Projects include: The Great Tower Challenge, Wooden Coaster Challenge, Structural Engineering Challenge, Egg Drop, Magnificent Marble Machine, and a host of other fun contests designed to bring out the engineer in you! **$250**

Code Breakers Grades 3 – 6

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 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. **$265**

Pound! A Drum and Fitness Class Grades 3 – 7

Get ready to MOVE, ROCK, PLAY, and MAKE NOISE! What does a Generation POUND class look and feel like? This class combines movement and music to improve focus, coordination, physical fitness and teamwork skills. By combining exercise and interactive activities to help build confidence, you will learn new ways to explore movement, embrace your creativity and ROCK OUT! Want a sneak peak? Here's a video! (https://youtu.be/rZ_sjkyAARY) This class will be broken up into half of fun and fitness with drumming and the other half to learn basic drumming rhythms. Please have a yoga mat, sneakers, comfortable clothing, a snack and plenty of water! **$175**

How to Read Music Grades 4 – 6

This course will prepare you with a basic understanding of how to read music. You will learn about the grand staff, rhythm, pitch, time signatures, key signatures, and more! **$175**

Handmade at Home: Scratch Kitchen Grades 5 - 8

Come and learn the art and science behind combining specific recipe ingredients to make delicious dishes from scratch! Know how to make fresh pasta by hand? How about your favorite dish? In this course we will learn tips, tricks, and fundamentals to turn you into a made-from-scratch aficionado. We'll share, produce and execute delicious recipes, plus practice skills to make several types of handmade starch items. **$350**

Minecraft Modders Grades 6 – 8

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. **$265**

Intermediate Guitar Grades 7 – 10 (2-week course)

This intermediate course builds on the basics that a guitar player with some experience needs to hone (See Beginner's Guitar and Beginner's Guitar II). Students will enhance their playing skills such as picking and strumming, and practice scales and chords in the context of the songs they enjoy. Students must have their own guitars. **$400**

1:00 – 4:00 p.m. (Afternoon Session)

Foods Around the World Grades 1 – 5

Chef It Up 2 Go takes the kids on a culinary adventure and picks 1 country of the day then prepares fun foods and drinks from that region! Some of the countries we visit are: Italy with Pasta making, Japan with Sushi Making, Mexico with Salsa or Quesadillas or the good ole' USA with Apple Pies! If there is no access to an oven… no problem as recipes can be made as a "no bake" option where the foods get prepared and sent home with baking instructions to simply have a parent cook up! No matter what country we visit they will LOVE this Chef It Up class! Peanut and tree nut free. **$275**

Minecraft Modders Grades 3 – 6

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. **$265**

Week 6 (August 7 - August 11)

Mini Drones and Flying Physics Grades 3 – 8

Take to the skies with mini drones, quadcopters, and more! This camp is the perfect introduction to the world of unmanned aerial vehicles (UAVs). In this camp, safety is a priority as students learn to fly in first-person view (FPV), exploring the real-world applications of drones. Students go through Droneology, the online drone education platform, master basic piloting skills, construct an obstacle course to fly through and stage a final race to showcase their cumulative knowledge. Putting critical thinking to the test, campers will brainstorm ways drones could be used for good, sketching out their ideas for new and innovative drones and drone uses. Campers will also experiment with paper planes, flying gadgets, rockets, gyroscopes, physics toys, balloon cars, and much more. All students will take home their own mini-drone. **$250**

Cup Cake Wars Grades 5 - 8

Students will design and prepare cupcakes. Campers will sample their peers' cupcakes and vote on their favorite cupcake. Participants will learn the correct use of pastry bags, basic piping skills, culinary measuring skills, and introductory decorating skills. Demonstration and practice of various cooking methods while adhering to safe sanitary food handling procedures. **$350**

Code Breakers Grades 6 – 8

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 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. **$265**

Summer Reading Grades 6 – 8

Do you want to get your summer reading and reading work finished quickly? Then this is the class for you! Bring your school's approved novel and any assigned work that goes along with it. We will create a reading plan for the week to ensure that you will finish reading your summer reading book quickly and effectively! You will be taught different reading strategies throughout the week to help you become a better reader and to avoid the "summer slide." **$175**

The Scientific Method Grades 7 – 10

Learn about and apply the different steps of the scientific method by conducting and creating your own experiments. **$200**

Week 7 (August 14 - August 18)

BCC's staff ensures your child's prompt check-in at their regularly scheduled programs. Your child may enroll in any or all the weeks during which your child is attending a program. **$100**

At the end of your child's daily program, your child may remain on the BCC campus to participate in supervised activities until 5:30 p.m. Your child may enroll in any or all the weeks during which your child is attending a program. Participants are not permitted to stay on campus following the end of their regularly scheduled day without authorized supervision. A LATE FEE of $50/hour will be charged if the child is not picked up by 5:30 pm. **$100**

Mini Robotics Grades 1 – 5

Have fun experimenting with mini robots from the privacy of your home! Coding, robotics, art, STEAM, and computer science will come alive with tiny, programmable mini-robots. Learn to use the Sphero mini app to drive in different modes, program with Javascript, or as a controller to play games. Our instruction will help you to really have fun and learn with your robot. Then have fun using toothbrush motor and vibration technology to build and take home your own "Bristlebot! and Brushbot." **$250**

Loco-Motion Grades 1 – 6

Do you have the "Wright" stuff? From the earliest flying machines to the first rocket flights, this hands-on program will allow children to build many different flying devices, see how Newton's laws of motion help explain how things move and how rockets fly, and show them how amazing our Milky Way is. **$265**

Beats and Jams Grades 3 – 6

Begin your rise to the top of the charts with digital music production! Just like today's top artists, you can design your own beats or remix a mashup of your favorite songs to become a digital composer and sound engineer. In this course, students will learn to produce digital music, record sound, make sound effects, and mix their own tracks. No prior music experience is necessary. Student-created soundtracks will be available on a password protected website to share with friends and family. **$265**

Week 7 (August 14 - August 18)

9:00 a.m. - 12:00 p.m. (Morning Session)

STEM Challenges Grades 4 – 6
Have fun solving problems using the engineering design process. Each day you will be faced with challenges that require you to design and build the solution. There may be additional challenges along the way! **$200**

Cookies and Cake Pops Grades 5 - 8
Students will design and prepare cookies and cake pops. Participants will learn the correct use of pastry bags, basic piping skills, culinary measuring skills, and introductory decorating skills. Demonstration and practice of various cooking methods while adhering to safe sanitary food handling procedures. **$350**

How to Write a College Essay Grades 6 – 8
Did you know that although crafting your college essays may seem daunting, it's an amazing opportunity to introduce yourself to college admissions reviewers? This course is designed to help students tap into what matters most to them and what they LOVE to write about, plus tips and tricks that will make your essay stand out. Participants will also set up their Common App (https://www.commonapp.org) account and learn how to leverage features that make managing college application documentation easier. **$200**

Math Refresher Grades 6 – 8
Don't let your math skills get rusty! Spend a week refreshing them so you are all set for September. **$200**

Intro to Algebra Grades 6 – 8
This summer prepare for your success in Pre-Algebra and Algebra, and beyond! Learn about the tools and practice the skills for success. We will be working with number theory, variables, number sense, basic arithmetic, and vocabulary. **$200**

3D Game Design Grades 6 – 9
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. **$265**

9:00 a.m. - 12:00 p.m. (Morning Session)

SAT Math Review Grades 9 – 12
Studies have shown that the secret to better SAT scores begins with improving math and verbal skills and ends with practice, practice, and more practice. Topics include test-taking strategies, applicable math skills, concept building, deductive reasoning, practice testing, logical thinking. Required text: College Board Official SAT Study Guide (2020 Edition) (Official Study Guide for the New SAT). Please purchase textbook before the first day of class. **$200**

1:00 – 4:00 p.m. (Afternoon Session)

Happy Healthy Kids Camp Grades 1 – 5
The fun begins by preparing then assembling some deliciously healthy food in class such as cucumber boats, muddling fruit punch, chopping perfect salsa, stuffing the best strawberries, creating amazing parfaits and so much more! We will be using different kitchen tools and learning a variety of kitchen skills that kids don't even realize they are learning! **$275**

Energetic Engineering Grades 1 – 6
Through a hands-on approach students will learn that anyone, of any age can be an inventor. **$265**

Math Refresher Grades 2 – 5
Don't let your math skills get rusty! Spend a week refreshing them so you are all set for September. **$200**

Pasta Making Grades 3 - 5
Calling all pasta lovers! Know how to make fresh pasta by hand? In this course, we will learn all the tips, tricks, and fundamentals to turn you into a regular pasta aficionado. We'll share, produce, and execute delicious and easy pasta recipes, plus tons of skill sets to make other types of handmade scratch items as well. You will be able to knead, roll and shape pasta learning how to cook and prepare fresh pasta from scratch. **$350**

3D Game Design with Unity Grades 3 – 6
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. **$265**

1:00 – 4:00 p.m. (Afternoon Session)
Beats and Jams Grades 3 – 6
Begin your rise to the top of the charts with digital music production! Just like today's top artists, you can design your own beats or remix a mashup of your favorite songs to become a digital composer and sound engineer. In this course, students will learn to produce digital music, record sound, make sound effects, and mix their own tracks. No prior music experience is necessary. Student-created soundtracks will be available on a password protected website to share with friends and family. **$265**

How to Write a Research Paper Grades 6 – 8
Unsure of how to even begin writing a research paper? Let's spend the week getting you up to speed so you are all set to tackle this process with the confidence and knowledge to do it right! **$200**

Intro to Geometry Grades 6 – 8
In this class you will be learning basic geometry concepts including properties of angles, triangles and transformations, as well as area and volume. **$200**

1:00 – 4:00 p.m. (Afternoon Session)
SAT Verbal Review Grades 9 – 12
Studies have shown that the secret to better SAT scores begins with improving math and verbal skills and ends with practice, practice, and more practice. Topics include: pertinent grammar skills (verbal), test-taking strategies, concept building, deductive reasoning, practice testing, logical thinking. Required text: College Board Official SAT Study Guide (2020 Edition) (Official Study Guide for the New SAT). Please purchase textbook before the first day of class. **$200**

Vocal Workshop Grades 10 – 12
This workshop is designed for a moderately experienced singer who wants to learn more about how to control and improve their voice. You will also learn how to and/or practice the skill of sight-singing. Direction of the workshop will be based on experience and ability. Sheet music will be provided based on interest (i.e. Broadway, pop, choral, opera, etc.) $175

SUMMER HIGH SCHOOL

Grades 9 through 12

July 5, 2023 – August 3, 2023 (No classes on Fridays)

Prepare for the next school year. Accelerate your studies through our **New Work for Credit** classes or maintain your class standing through our **Credit Recovery** offerings. Our summer program follows the core curriculum of NJ Standards for Education and you'll be learning with instructors and students from local high schools.

Offerings Include:

- Algebra I
- Algebra II
- Algebra II Honors
- Geometry
- Geometry Honors
- Pre-Calculus

- Pre-Calculus Honors
- Physics
- Biology
- English 9
- English 10
- English 11

- English 12
- Financial Literacy
- U.S. History I
- U.S. History II
- World History

Bergen
COMMUNITY COLLEGE