Jumpstart Your Creativity
at Bergen Community College

Kids and Teens Summer Program

2019

To register, visit our registration page.
Any questions: email: continuinged@bergen.edu
Call: 201-447-7488

Table of Contents

KT496 Animal Kingdom Motorized Build Ages 7-10
KT321 A Week of Fun Activities Ages 7-12
Make Your First 3D Video Game (Ages 8-11; 11-14)
KT484 Mission 2 Space Motorized Build Ages 7–10
KT412 Junior Physicians - Discovering the Human Body Ages 7-12
ROBLOX® Coders-Entrepreneurs! (Ages 8-11; 11-14)
KT550 Fun with Phonics! Ages 7-9
KT396 Clay Sculptures Ages 8-12
CE049 City Art! Ages 9-13
KT317 Is There Life in the Universe? Grades 5 & 6
KT518 Adventures in Augmented Reality! (Ages 8-11; 11-14)
CE246 Young Entrepreneurs Ages 11-14
KT456 Acting for the Camera Ages 8 - 15
KT301 Beginner's Guitar Ages 12 – 16
KT208 Mock Trial Ages 13-16
KT513 A Giant Awakes - Understanding China in the Modern World Ages 14-18
KT302 Cookies and Cake Decorating Ages 7-12
KT540 Pasta Making Ages 12 - 17
KT297 Red, White and Blue, Boom! Desserts for the 4th of July Ages 7-12
KT547 Pizza Making Ages 12 - 17

CE881 Mathemania Ages 7-9

KT445 Super Science STEM Challenges Ages 7 - 12
CE064 Make Your First Video Game Ages 8-11
CE155 Lego Education WeDo! Ages 7-9
KT321 A Week of Fun Activities Ages 7-12
KT362 Arts & Crafts Ages 7-12
KT511 Young Journalists Ages 9-11
KT551 *Wonder* Ages 8-12
CE270 Astronaut Rookies Grades 3 & 4
KT546 Appetizers, Making & Plating Ages 12 - 17
KT545 Ice Cream and Confections Ages 12 - 17
KT444 Introduction to LEGO & VEX IQ Robotics
KT490 Advanced Robotics Ages 11-14
ROBLOX Makers (Ages 8 – 11; 11-14)
KT339 Creative Design and Robotics Ages 8-11
KT 449 Video Game Animation Ages 11-14
E174 Acting Workshop Ages 11-16
KT361 Print and Stamp Making Ages 10-14
KT280 A Week at Hogwarts for the Beginner Harry Potter Fan

Week 3 (July 8 - July 12)   10
KT485 Engineering Adventures Motorized Build Ages 7–
KT486 Robotic Transformation Creation Motorized Build Ages 7-10
KT383 Get Your Glam On! Ages 7 - 12
CE246 Young Entrepreneurs Ages 11-14
KT414 Chemical Wizardry Ages 7-12
KT411 CSI Science Ages 7-12
KT321 A Week of Fun Activities Ages 7-12
Minecraft Designer (Ages 8-11; 11-14)
KT318 I ❤ Writing Ages 8 - 12
CE240 Drawing-Thinking Like Da Vinci Ages 10-12
KT513 A Giant Awakes - -Understanding China in the Modern World Ages 14-18
ROBLOX® Coders-Entrepreneurs! (Ages 8-11; 11-14)
KT500 Dance Your Heart Out Ages 9-12
CE881 Mathemania Ages 10-12
CE271 Living and Working in Space Grades 5 & 6
Python Programmers: Make Your Own Multiplayer Game! (Ages 8-11; 11-14)
CE055 Community Art Ages 8-11
CE255 Sculpture for the 3D Artist! Ages 8-11
KT319 I ❤ Writing Ages 12 - 15
KT301 Beginner's Guitar Ages 12 - 16
CE150 Debate Club Ages 13-15
KT506 Around the World in 5 Days Ages 7 – 12
KT505 Junior Chef Battle of the Week Ages 7 - 12
KT543 Culinary Arts Ages 12 – 17
KT426 Photoshop: Graphic Designer Concepts Ages 13 - 16
KT541 Bread Making Ages 12 - 17

Week 4 (July 15 - July 19)   14
KT321 A Week of Fun Activities Ages 7-12
KT445 Super Science STEM Challenges Ages 7 – 12
KT487 World of Science Motorized Build Ages 7 – 10
KT303 Food Science Ages 7 – 12
KT549 Happy, Healthy Kids Ages 7 – 12
KT443 Architecture and Engineering Challenges Ages 7-12
3D Game Labs with Unity (Ages 8-11;11-14)
KT400 Junior Authors Ages 10-14

KT385 Shark Tank Ages 8-10
KT514 The Golden Age of Chinese Civilization Ages 11-13
App Attack! Make Your First Game App (Ages 8-11;11-14)
KT457 Intro to Film and TV: Acting and Behind the Scenes Ages 8-15
Battle Royale: Make Your First Fortnite Style Video Game (Ages 8-11;11-14)
CE155 Lego Education WeDo! Ages 7-9
KT325 Preparing for Flight Grades 7 & 8
CE252 Intensive Reading and Writing Seminar Ages 11-14
KT364 Making Jewelry with Resin Ages 12-16
KT537 Animal Head Sculpture Ages 11 - 16
KT280 A Week at Hogwarts for the Advanced Harry Potter Fan Ages 10-12
Junior Engineer's Club (Ages 7-9;10-12)
KT365 3D Figure Sculpting Ages 12-15
KT359 Painting Styles Ages 11-14

Week 5 (July 22 – July 26)   19
KT483 Jurassic Survival Motorized Build Ages 7 – 10
KT321 A Week of Fun Activities Ages 7-12
KT413 Super Science Make & Take Ages 7-12
KT414 Chemical Wizardry Ages 7-12
KT507 Junior Chef What's For Lunch Ages 7-12
KT548 Junior Chef Summer Snack Attack Ages 7-12
KT497 Portrait Painting Ages 10-13
Drone Adventures (Ages 8-11; 11-14)
KT358 Beginning Sewing Ages 9-12
CE264 Lego Education WeDo! Ages 10-12
CE084 Model United Nations Ages 13-16
KT324 Rocket Girls Grades 5 - 8
Video Game Animation (Ages 8-11; 11-14)
KT280 A Week at Hogwarts for the Advanced Harry Potter Fan Ages 10-12
KT444 Introduction to LEGO and VEX IQ Robotics Ages 10- 14
KT399 Exploring Improv Ages 10-16
KT386 Shark Tank Ages 11-13
ROBLOX Makers (Ages 8-11; 11-14)
CE057 Notes! Ages 11-14
KT417 Snare Drum Ages 10-14
KT514 The Golden Age of Chinese Civilization Ages 11-13
Junior Engineer's Club (Ages 7-9;10-12)
KT409 International Cuisine Ages 12 – 17
CE067 Digital Photo Editing Ages 11-14
KT544 Tarts and Pie Ages 12 - 17

Week 6 (July 29 - August 2)   17
KT320 K'Nex Amusement Park Ages 7 - 11
KT488 Oceanography Ages 7 - 12
KT447 Battle-Bots and Robotic Fun Ages 7-12
CE900 Lego Pirates and Star Wars Ages 7-11
KT321 A Week of Fun activities Ages 7-12
KT453 Virtual Reality Ages 8 - 11
KT345 Jewelry Making with Polymer Clay and Beads Ages 10-13
KT501 Physics of Creative Destruction Ages 10 – 14
KT454 Virtual Reality Ages 11-14 001, 5 sessions; $234
KT312 Landscape Painting in Oil and Acrylic Ages 9 – 12
eSports Apprentice-YouTube Streamers and Gamers (Ages 8-11; 11-14)
CE174 Acting Workshop Ages 11-16
KT506 Junior Chef Around the World in 5 Days Ages 7-12

Updated 5/10/19

Please Note: Seats in classes are not reserved until payment is made in full.

Refund policy:
Refund requests must be submitted in writing at least 10 business days before class start date.

Classes continue to be added to our offerings. Catalog will be updated accordingly.

For high school and middle school students, also check our website for academic offerings at:
https://ce.bergen.edu/ce/kids-and-teens-program/summer-high-school/

Welcome to the Kids and Teens Summer Programs 2018 at Bergen Community College!

To register, visit our [registration page](https://ce.bergen.edu/ce/kids-and-teens-program/summer-camp-program/) (https://ce.bergen.edu/ce/kids-and-teens-program/summer-camp-program/)

Summer Programs will run from **June 24th** through **August 16th** and will be located at Bergen Community College's 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 or campers that choose two half-day programs, lunch is available for purchase. If you do not purchase lunch, please bring a peanut-free, bagged lunch with an extra water bottle.

Bergen Community College is pleased to offer Before and After Camp 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 6 p.m., please indicate on the registration form.

There is no supervision before 7:30 am and after 6 pm. A FEE of $50/hour will be automatically charged to your credit card if a child is dropped off before 7:30 am or picked up after 6 pm. Refunds: **No refunds can be provided for cancellation/withdrawal from Before or After Care.**

Please Note: Seats in classes are not reserved until payment is made in full.
Refund policy: Refund requests must be submitted in writing at least 10 business days before class start date.

Before Care

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

CE 160 Before Care Ages 7-15
5 sessions; $65
001, Mon.-Fri.; June 24-June 28, 2019
Hours: 7:30 – 9:00 a.m.

CE 160 Before Care Ages 7-15
4 sessions; $52
002, Mon.-Fri.; July 1-July 5, 2019 (no class 7/4)
Hours: 7:30 – 9:00 a.m.

CE 160 Before Care Ages 7-15
5 sessions; $65
003, Mon.-Fri.; July 8-July 12, 2019
Hours: 7:30 – 9:00 a.m.

CE 160 Before Care Ages 7-15
5 sessions; $65
004, Mon.-Fri.; July 15-July 19, 2019
Hours: 7:30 – 9:00 a.m.

CE 160 Before Care Ages 7-15
5 sessions; $65
005, Mon.-Fri.; July 22-July 26, 2019
Hours: 7:30 – 9:00 a.m.

CE 160 Before Care Ages 7-15
5 sessions; $65
006, Mon.-Fri.; July 29-August 2, 2019
Hours: 7:30 – 9:00 a.m.

CE 160 Before Care Ages 7-15
5 sessions; $65
007, Mon.-Fri.; Aug. 5-Aug. 9, 2019
Hours: 7:30 – 9:00 a.m.

CE 160 Before Care Ages 7-15
5 sessions; $65
008 Mon.-Fri.; Aug. 12-Aug. 16, 2019
Hours: 7:30 – 9:00 a.m.

After Care

At the end of your child's daily program, your child may remain on the BCC campus to participate in supervised activities until 6 p.m. Your child may enroll in any or all of 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 6 pm.**

CE 161 After Care Ages 7-15
5 sessions; $80
001, Mon.-Fri.; June 24-June 28, 2019
Hours: 4 - 6 p.m.

CE 161 After Care Ages 7-15
5 sessions; $80
003, Mon.-Fri.; July 8-July 12, 2019
Hours: 4 - 6 p.m.

CE 161 After Care Ages 7-15
5 sessions; $80
005, Mon.-Fri.; July 22-July 26, 2019
Hours: 4 - 6 p.m.

CE 161 After Care Ages 7-15
5 sessions; $80
007, Mon.-Fri.; August 5-August 9, 2019
Hours: 4 - 6 p.m.

CE 161 After Care Ages 7-15
4 sessions; $64
002, Mon.-Fri.; July 1-July 5, 2019 (no camp 7/4)
Hours: 4 - 6 p.m.

CE 161 After Care Ages 7-15
5 sessions; $80
004, Mon.-Fri.; July 15-July 19, 2019
Hours: 4 - 6 p.m.

CE 161 After Care Ages 7-15
5 sessions; $80
006, Mon.-Fri.; July 29-August 2, 2019
Hours: 4 - 6 p.m.

CE 161 After Care Ages 7-15
5 sessions; $80
008, Mon.-Fri.; August 12-August 16, 2019
Hours: 4 - 6 p.m.

Lunch

Please note – You **DO NOT** have to sign up for a lunch session if you select a **FULL DAY PROGRAM.** If you are selecting a Morning and Afternoon session and would like to bridge the two sessions, you must register for the appropriate lunch session. All lunch sessions are supervised. **Lunch sessions do not include the serving of food.** They are supervisory only.

If you would like to order lunch for your child, we now offer that option. Lunches must be ordered in advance. Please see the lunch menu on page 34.

CE 094 Lunch Session 001,
5 sessions
Mon.-Fri., June 24-June 28, 2019
Hours: 12:00 - 1:00 p.m.

CE 094 Lunch Session 002,
4 sessions
Mon.-Fri., July 1-July 5, 2019 (No class 7/4)
Hours: 12:00 - 1:00 p.m.

CE 094 Lunch Session 003,
 5 sessions
Mon.-Fri., July 8-July 12, 2019
Hours: 12:00 - 1:00 p.m.

CE 094 Lunch Session 004,
5 sessions
Mon.-Fri., July 15-July 19, 2019
Hours: 12:00 - 1:00 p.m.

CE 094 Lunch Session 005,
5 sessions
Mon.-Fri., July 22-July 26, 2019
Hours: 12:00 - 1:00 p.m.

CE 094 Lunch Session 006,
5 sessions
Mon.-Fri., July 29 – August 2, 2019
Hours: 12:00 - 1:00 p.m.

CE 094 Lunch Session 007,
5 sessions
Mon.-Fri., August 5 – August 9, 2019
Hours: 12:00 - 1:00 p.m.

Program Offerings

Week 1 (June 24 – June 28)

KT496 Animal Kingdom Motorized Build Ages 7-10
001, 5 sessions; $220
Mon.-Fri.; June 24-June 28, 2019
Hours: 1:00 p.m. - 4:00 p.m.
It's a zoo in here! This is a unit sure to delight kids who love creatures. We'll be building models of snakes, insects, mammals and more. Each day we'll discuss fascinating facts about the animals we build, from the chameleon that changes colors to the seal model that waddles across the table. Students will love these moving models that celebrate the wonders of the animal kingdom. **Instructor:** Bricks 4 Kidz

KT321 A Week of Fun Activities Ages 7-12
001, 5 sessions; $320
Mon.-Fri.; June 24-June 28, 2019
Hours: 9:00 a.m.-4:00 p.m.
Dream Catchers: Native Americans believed that dream catchers could catch your bad dreams in their web, and only allow good dreams to come through. Create your own decorative dream catchers to ensure sweet dreams always, complete with beads and feathers. **Design Board Games:** Spend the day learning how to design, construct, and play your own board games. Use your imagination to develop the design of your own game, decide how it will be played, and then teach your classmates how to play the game. **Create Fun Stuffed Animals:** Do you love stuffed animals? Did you have a favorite one when you were younger, or perhaps still do? Then come join us as we create our own cute and cuddly stuffed animals. **Hawaiian Luau Day:** Come join us at our very own luau! We will make leis, grass skirts, coconut crafts, and just have a lot of Hawaiian fun! **Cork Board Designs:** Create your very own personalized BIG cork boards with colorful paint, ribbons, wood shapes, glitter and more. Personalize with your name, favorite animals, or hobbies. Create miniature framed pieces of art for your cork board, too. You will have a one-of-a-kind masterpiece to take home. **Instructors:** Susan Mensch and Stephanie Mensch

Make Your First 3D Video Game
CE267 Ages 8-11 Hours: 9:00a.m.-12:00p.m.
CE268 Ages 11-14 Hours: 1:00p.m. – 4:00p.m.
001, 5 sessions; $225
Mon.-Fri.; June 24-June 28, 2019
Come learn the physics behind 3D Game Design and explore event scripting, level design, controlling flow of game play, and storytelling, designed for young adults who have the desire to focus in Game Design in high school or college. Student created games will be available on a password protected website to share with friends and family. Students will work in teams for most of the program. **Instructor:** Black Rocket Productions, LLC

KT484 Mission 2 Space Motorized Build Ages 7–10
001, 5 sessions; $220
Mon.-Fri.; June 24-June 28, 2019
Hours: 9:00 a.m. - 12:00 p.m.
Space, often called "the last frontier", has inspired scientists, star-gazers and adventurers for generations. Get inspired to go on your own adventure and join us on a Mission 2 Space! Discover some incredible structures at Kennedy Space Center's Launch Complex 39, travel the surface of the moon on a lunar rover, and explore Mars onboard the "Curiosity". Our tour would not be complete without a visit to the International Space Station. We'll provide the bricks; all you need to bring for this adventure is your imagination! **Instructor:** Bricks 4 Kidz

KT412 Junior Physicians - Discovering the Human Body Ages 7-12
001, 5 sessions; $220
Mon.-Fri.; June 24-June 28, 2019
Hours: 1:00 p.m. - 4:00 p.m.
Discover the anatomy of the world's most complicated system - the human body! In this program, kids will find out what it's like to journey through the human body. Explore the science behind blood, bones, how a model of the human body works, and more. Participants will test for blood types, make maps of their tongues, perform simulated heart and brain surgery, and more. **Instructor:** Super Science for Kids

ROBLOX® Coders-Entrepreneurs! Ages 8-14
KT494 Ages 11 – 14 Hours: 9:00a.m. – 12:00p.m.
KT493 Ages 8 – 11 Hours: 1:00p.m. – 4:00p.m.
001, 5 sessions; $225
Mon.-Fri.; June 24-June 28, 2019
Discover how to code in the Lua language while playing and 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. Students will work in pairs or teams for most of the program. **Instructor:** Black Rocket Productions, LLC

KT550 Fun with Phonics! Ages 7-9
001, 5 sessions; $160
Mon.-Fri.; June 24 –June 28, 2019
Hours: 9:00 a.m. - 12:00 p.m.
Did you know there are more than 4 ways to spell "a"? In this course, students will have fun while increasing their reading and writing skills. A different vowel and the many ways to spell that vowel will be taught each day through fun games and activities. This class is great for beginning readers to practice important skills in a fun way during the summer months! **Instructor:** Julia Verno

KT396 Clay Sculptures Ages 8-12
001, 5 sessions; $325
Mon.-Fri.; June 24-June 28, 2019
Hours: 9:00 a.m. - 4:00 p.m.
Create sculptures using air dry clay and then paint them with acrylic paints. You can create action figures, musical instruments, cars, mobiles, silly monsters, dolls, decorative pots and much more. The teacher will provide instructions but your imagination will be your guide as you sculpt your creations. **Instructor**: Ksenija Kostic Pecaric

CE049 City Art! Ages 9-13
001, 5 sessions; $165
Mon.-Fri.; June 24-June 28, 2019
Hours: 1:00 p.m. - 4:00 p.m.
Have you seen artwork painted on the sidewalks or the sides of buildings when you've visited the city? Come join us to create your own City Art with sculpture, paint, colored chalk and more! There are famous artists, such as Keith Haring, who have left their masterpieces for the public to enjoy. Who knows? You may be one of them! Bring a washed white t-shirt to create something amazing! **Instructor:** Teresa Sherry

KT317 Is There Life in the Universe? Grades 5 & 6
001, 5 sessions; $650
Mon.-Fri.; June 24-June 28, 2019
Hours: 9:00 a.m. - 3:00 p.m.
Like astrophysicists, campers will explore the concept of life elsewhere in the universe. Through hands-on activities, campers will explore the criteria for life and the technology necessary to search for it beyond the solar system. Children will also create magnetic levitation cars, team building challenges, and more. **Instructor & Location:** Buehler Challenger & Science Center

KT518 Adventures in Augmented Reality!
Ages 8-11 1:00–4:00 p.m.
KT519 Adventures in Augmented Reality!
Ages 11–14 9:00a.m.-12p.m.
001, 5 sessions, $225
Mon.- Fri. June 24-June 28, 2019
Watch as holograms come to life in the first ever augmented reality for kids! Students will work in cutting-edge software to create holographic scenes that are viewable with a smart- phone and a magic futuristic cube. Student-created projects will be available on a password protected Black Rocket website to share with friends and family. Students will work in pairs or teams for most of the program*. There is an additional $19 lab fee for the magic cube and license.* **Instructor:** Black Rocket Productions, LLC

CE246 Young Entrepreneurs Ages 11-14
001, 5 sessions; $300
Mon.-Fri.; June 24-June 28, 2019
Hours: 9:00 a.m.-4:00 p.m.
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! **Instructor:** Rita Williams-Bogar

KT456 Acting for the Camera Ages 8 - 15
001, 5 sessions; $450
Mon.-Fri.; June 24-June 28, 2019
Hours: 9:00 a.m. - 4:00 p.m.
This camp is for the aspiring young 'actors' in your household.
Here they will learn real auditioning skills by working with scripts for commercials and film readings. Kids will learn how to personalize characters and follow direction, block for camera and read with their 'co-stars'. Improvisation an ad-libbing (off the script) will be taught as a basis of making acting choices and trusting their instincts. Included in this camp is a take-home tutorial showing you ways to find acting jobs as well as a list of legitimate talent agencies. (All footage is sent to a professional editor and parents have the option to order a USB, after camp as a keepsake.) **Instructor:** Wickline Casting

KT301 Beginner's Guitar Ages 12 – 16
001, 9 sessions; $350 (2 week class)
Mon.-Fri.; June 24-June 28, 2019
Mon.-Fri.; July 1-July 5, 2019 (no class uly 4th)
Hours: 9:00 a.m. – 12:00 p.m.
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. **Instructor:** Perry Jones

KT208 Mock Trial Ages 13-16
001, 5 sessions; $300
Mon.-Fri.; June 24-June 28, 2019
Hours: 9:00 a.m. - 4:00 p.m.
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. **Instructor:** Patrick Bouchard

KT513 A Giant Awakes - Understanding China in the Modern World Ages 14-18
001, 5 sessions; $250
Mon.-Fri.; June 24-June 28, 2019
Hours: 1:00 p.m. - 4:30 p.m.
In the past 67 years, China has made a phenomenal transformation through a careful blend of capitalism and a centrally planned economy. China's 2025 technology program and One Belt, One Road initiative underscores her ambitions for hegemony. The presentation will examine the future of U.S.–China relations in light of ongoing conflicts on trade, military, and other issues. We will examine China's past, from ancient times onward, and explore its history, philosophies, and traditions to try to better understand the underlying forces that explain China today. **Instructor:** James Levey

KT302 Cookies and Cake Decorating Ages 7-12
001, 5 sessions; $275
Mon.-Fri.; June 24-June 28, 2019
Hours: 9:00 a.m.-12:00 p.m.
A theme is selected for each day of camp. The junior chefs then have a blast decorating cookies and/or cupcakes to coincide with the daily theme. Various confections are used to decorate the cookies and cupcakes. **Instructor:** Chef it Up

KT540 Pasta Making Ages 12 - 17
001, 5 sessions; $275
Mon.-Fri.; June 24-June 28, 2019
Hours: 9:00 a.m.-12:00 p.m.
Camper Chefs will learn the art of making various types of pastas during this one week culinary camp. Chefs will learn the art and science behind combining specific recipe ingredients to make delicious pasta from scratch! Different shapes and different types of dough will be created. Chefs will learn the importance of measuring, rolling and all the other secrets to making the perfect pasta dish! (*Kitchen health and safety practices will be taught during the first meeting, and practiced throughout.)* **Instructor:** Bergen Community College Chef(s) Tomar Zilkah (Chef –Owner, Patisserie Florentine) or Aaron Morrissey (Sous Chef)
*Campers must wear closed, non- slip shoes, baseball caps, and bring an apron.

KT297 Red, White and Blue, Boom! Desserts for the 4th of July Ages 7-12
001, 5 sessions; $275
Mon.-Fri.; June 24-June 28, 2019
Hours: 1:00 p.m.-4:00 p.m.
A theme is selected for each day of camp. The junior chefs then have a blast decorating cookies and/or cupcakes to coincide with the daily theme. Various confections are used to decorate the cookies and cupcakes. **Instructor:** Chef it Up

KT547 Pizza Making Ages 12 - 17
001, 5 sessions; $275
Mon.-Fri.; June 24-June 28, 2019
Hours: 1:00 p.m.-4:00 p.m.
Camper Chefs will learn the art of making various types of pizzas during this one week culinary camp. Campers will learn the art and science behind combining specific recipe ingredients to make delicious pizza from scratch! They will practice some math and engineering, as they mix and measure, assemble and create their pizza. (*Kitchen health and safety practices will be taught during the first meeting, and practiced throughout.)* **Instructor:** Bergen Community College Chef(s) Tomar Zilkah (Chef –Owner, Patisserie Florentine) or Aaron Morrissey (Sous Chef)
*Campers must wear closed, non- slip shoes, baseball caps, and bring an apron.

To register, visit our registration page

Week 2 (July 1 – July 5)

CE881 Mathemania Ages 7-9
001, 4 sessions; $120
Mon.-Fri.; July 1-July 5, 2019 (no class July 4)
Hours: 9:00 a.m. - 12:00 p.m.
This course is for any student who wants to experience the many FUN applications that mathematics play in our everyday lives. This fun-filled math adventure boosts your basic math skills and confidence while you have a great time learning! Learn math tricks, create palindromes with addition, play games, do Sudoku puzzles, and investigate patterns in math. See how simple strategies can help with basic facts and word problems. **Instructor:** Lauren Haemmerle

KT445 Super Science STEM Challenges Ages 7 - 12
001, 4 sessions; $175
Mon.-Fri.; July 1-July 5, 2019 (no class July 4)
Hours: 9:00 a.m. - 12:00 p.m.
In this engineering camp, you will have fun integrating Science, Technology, Engineering, and Mathematics by building and designing a wide range of gadgets, inventive machines, towers, crazy contraptions, and more. Projects include: The Great Tower Challenge, the Standing Cup Pyramid Challenge, design a hurricane proof tower, Wooden Coaster Challenge, Structural Engineering Challenge, Magnificent Marble Machine, and a host of other fun contests designed to bring out the engineer in you! Students will take home several of the projects built in class. **Instructor:** Super Science for Kids

CE064 Make Your First Video Game Ages 8-11
001, 4 sessions; $180
Mon.-Fri.; July 1-July 5, 2019 (no class July 4)
Hours: 1:00 - 4:00 p.m.
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 crucial keys to designing your first **2-D** game. Conceptualization, play experience, challenge levels, graphics and elements, music and sound, software, and simple coding are just some of the concepts that we'll explore as you learn how to really get into the game because you made it yourself! No prior experience necessary just a desire to have fun. Student created games will be available on a password protected Black Rocket website to share with friends and family. Games are only compatible on PC computers, Mac versions can be created after the program for $15.00 conversion fee. Students will work in teams for most of the program. **Instructor:** Black Rocket Productions, LLC

CE155 Lego Education WeDo! Ages 7-9
001, 4 sessions; $240
Mon.-Fri.; July 1-July 5, 2019 (no class July 4)
Hours: 9:00 a.m. - 4:00 p.m.
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. **Instructor:** John Russo

KT321 A Week of Fun Activities Ages 7-12
002, 4 sessions; $250
Mon.-Fri.; July 1-July 5, 2019 (no class July 4)
Hours: 9:00 a.m.-4:00 p.m.
I Want to Be a Teacher: Do you love to play school and always wanted to know how teachers design lessons, decorate the classrooms, create tests, quizzes, projects, and maintain grade books? You will learn everything you need about how to be a teacher in a fun, exciting atmosphere! **Scrapbooking:** Learn how to make fun, creative scrapbooks with your photographs of family, friends, pets, or anything else you want. Then embellish your scrapbook with stickers, stamps, letters, fabric, beads, sequins, and ribbon. **Perler Bead Creations:** Design and create fun, decorative objects using perler beads. Watch your designs come to life when you use these colorful, easy to use beads to make wall art, key chains, boxes, bowls, jewelry and so much more! **Crafty Creations:** Come make a variety of crafts using all of those favorite materials, popsicle sticks, tissue paper, paint and more. **Instructor:** Stephanie Mensch

KT362 Arts & Crafts Ages 7-12
001, 4 sessions; $160
Mon.-Fri.; July 1-July 5, 2019 (no class July 4)
Hours: 1:00 p.m. – 4:00 p.m.
Let your imagination run wild! Be a crafty chef and make pretend food such as cupcakes, ice cream sundaes, burgers and pizza. Sculpt with clay. Design jewelry with matching jewelry boxes, create colorful mobiles, design and build miniature wood houses, dolls, party tables, and decorative rooms. Make fun pillows and personalized 3D name boards. Always something fun to do! **Instructor:** Susan Mensch

KT511 Young Journalists Ages 9-11
001, 4 sessions; $125
Mon.-Fri.; July 1-July 5, 2019 (no class July 4)
Hours: 9:00 a.m. - 12:00 p.m.
In this class you will get a taste of what journalists use to cover stories every day. You will have the opportunity to write articles under a variety of different roles. We will cover a major news event, a local area story, a press conference, and we'll also interview students in the class to write an article. We will discuss what newsworthy is, journalism ethics, and how to find story ideas. **Instructor:** Sharon Skibitski

KT551 *Wonder* Ages 8-12
001, 4 sessions; $160
Mon.-Fri.; July 1-July 5, 2019 (no class July 4)
Hours: 9:00 a.m. - 12:00 p.m.
Auggie Pullman is a 5th grader with a disability. The fictional book *Wonder* is the story of his 5th grade year at a new school. Throughout the year, he learns the importance of perseverance and the true meaning of friendship. In this class, students will listen to the story read aloud and participate in fun activities related to the story. This class is perfect for anyone who loves reading! **Instructor:** Julia Verno

CE270 Astronaut Rookies Grades 3 & 4
001, 2 sessions; $275
Mon.- Tues.; July 1-July 2, 2019
Hours: 9:00 a.m. - 3:00 p.m.
The adventure of space exploration awaits! Each day children will have a new themed Space Lab, learn about the Solar System and beyond, along with Lift-off in a simulated space shuttle, Star Lab Planetarium, Rocketry, Experiments and Robotics. **Instructor & Location:** Buehler Challenger & Science Center

KT546 Appetizers, Making & Plating Ages 12 - 17
001, 4 sessions; $220
Mon.-Fri.; July 1 - July 5, 2019 (no class July 4)
Hours: 9:00 a.m.-12:00 p.m.
Camper Chefs will learn the art of making various types of appetizers during this one week culinary camp. Chefs will learn the art and science behind combining specific recipe ingredients to make delicious appetizers from scratch! (*Kitchen health and safety practices will be taught during the first meeting, and practiced throughout.)* **Instructor:** Bergen Community College Chef(s) Tomar Zilkah (Chef –Owner, Patisserie Florentine) and Aaron Morrissey (Sous Chef)
*Campers must wear closed, non- slip shoes, baseball caps, and bring an apron.

KT545 Ice Cream and Confections Ages 12 - 17
001, 4 sessions; $220
Mon.-Fri.; July 1 –July 5, 2019 (no class July 4)
Hours: 1:00 p.m.-4:00 p.m.
Camper Chefs will learn the art of making various types of ice cream and confections during this one week culinary camp. Campers will learn the art and science behind combining specific recipe ingredients to make delicious ice cream and confections from scratch! They will practice some math and engineering, as they mix and measure, assemble and create their desserts. (*Kitchen health and safety practices will be taught during the first meeting, and practiced throughout.)* **Instructor:** Bergen Community College Chef(s) Tomar Zilkah (Chef –Owner, Patisserie Florentine) and Aaron Morrissey (Sous Chef)
*Campers must wear closed, non- slip shoes, baseball caps, and bring an apron

KT490 Advanced Robotics Ages 11-14
001, 4 sessions; $180
Mon.-Fri.; July 1-July 5, 2019 (no class July 4)
Hours: 1:00 - 4:00 p.m.
During this class your team will learn to program a robot to overcome daily class challenges using visual and text based programming. You will see firsthand how your program translates into action as you attempt to control your robot sensors and maneuver around obstacles. With your teammate, you will apply different coding concepts while using the scientific method to formulate, observe, experiment, test, and modify your robot. Students will work in pairs or teams for most of the program. **Instructor:** Black Rocket Productions, LLC

KT444 Introduction to LEGO & VEX IQ Robotics Ages 10 – 14
001, 4 sessions; $165
Mon.-Fri.; July 1-July 5, 2019 (no class July 4)
Hours: 1:00 - 4:00 p.m.
Have fun building, designing, and programming robots with Lego Mindstorms & VEX IQ robotic systems. Build robot projects and creations that use working sensors and motors. LEGO MINDSTORMS (EV3 & NXT) combines the unlimited versatility of the LEGO building system with an intelligent microcomputer brick and intuitive drag-and-drop programming software. VEX IQ offers unique building challenges, a Wii – style remote control, and unlimited possibilities. No prior robotic or programming experience is necessary for this introductory course. **Instructor:** Super Science for Kids

ROBLOX Makers
KT533 Ages 8 – 11 Hours: 1:00 – 4:00 p.m.
KT534 Ages 11-14 Hours: 9:00a.m.–12:00 p.m.
001, 4 sessions; $180
Mon.-Fri.; July 1-July 5, 2019 (no class July 4)
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. Students will work in pairs or teams for most of the program. **Instructor:** Black Rocket Productions, LLC

KT339 Creative Design and Robotics Ages 8-11
001, 4 sessions; $180
Mon.-Fri.; July 1-July 5, 2019 (no class July 4)
Hours: 9:00 a.m. - 12:00 p.m.
The world of the future belongs to…robots! In this cutting edge class students will learn the fundamentals of motorized mechanisms, design principles, sensors, and sound activation. Separate fact from fantasy by designing and building prototypes of task oriented robots. Learn problem- solving to improve how their robots function in a series of design challenges! Students will work in pairs or teams for most of the program. **Instructor:** Black Rocket Productions, LLC

KT 449 Video Game Animation Ages 11-14
001, 4 sessions; $180
Mon.-Fri.; July 1-July 5, 2019 (no class July 4)
Hours: 9:00 a.m. - 12:00 p.m.
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 story line. 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. Games are only compatible on PC computers; Mac versions can be created after the program for $15.00 conversion fee. Students will work in pairs or teams for most of the program. Returning students can create more advanced projects that build on previous years. **Instructor:** Black Rocket Productions, LLC

CE174 Acting Workshop Ages 11-16
001, 4 sessions; $250
Mon.-Fri.; July 1-July 5, 2019 (no class July 4)
Hours: 9:00 a.m. - 4:00 p.m.
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! **Instructor:** Michael Bias, Artistic Director, The Garage Theatre Group

KT361 Print and Stamp Making Ages 10-14
001, 5 Sessions; $275
Mon.-Fri.; July 1-July 5, 2019 (no class July 4)
Hours: 9:00 a.m. - 4:00 p.m.
Come learn how to make one-of-a-kind prints using mono printmaking techniques and lino cut methods. You will be using engraving techniques to create your own unique designs. We will be designing greeting cards and printing them with the stamps you made in class. You will also learn how to print on fabric and decorate a T-shirt. Students should bring a white T-shirt for the last day of class. **Instructor**: Ksenija Kostic Pecaric

KT280 A Week at Hogwarts for the Beginner Harry Potter Fan Ages 7-10
001, 4 sessions; $250
Mon.-Fri.; July 1- July 5, 2019 (no class July 4)
Hours: 9:00 a.m. – 4:00 p.m.
Come hop aboard the Hogwarts Express to spend a week with Harry Potter and his friends. We will spend time reading the books   and then participate in activities depicted in the books. Imagine the   adventures we will have as we are transported into a world filled with wizards, house elves, cauldrons, invisibility cloaks, floo networks, marauders maps, and the elusive golden snitch. You will not want to miss this week of whimsical enchantment! ***This class is for beginner Harry Potter fans who have not already read the series.*** **Instructor:** Carly Neuschatz

To register, visit our [registration page](#).

Week 3 (July 8 – July 12)

KT485 Engineering Adventures Motorized Build Ages 7–10 001, 5 sessions; $220
Mon.-Fri.; July 8-July 12, 2019
Hours: 9:00 a.m. – 12:00 p.m.
So you want to be an engineer or architect? Well what are you waiting for? This is your chance! Join us as we put our engineering skills to the test to build bridges, buildings, vehicles and more. We'll learn about different types of careers for you to explore. Do you like to design cities? You might become an urban architect one day! Do you want to build bridges? Then civil engineering might be the job for you! Want to design the next cool electric car? Then you may be destined to become an automotive or mechanical engineer! Come experience engineering adventures with us! **Instructor:** Bricks 4 Kidz

KT486 Robotic Transformation Creation Motorized Build Ages 7-10
001, 5 sessions; $220
Mon.-Fri.; July 8-July 12, 2019
Hours: 1:00 p.m. – 4:00 p.m.
Get ready to build and discover how your model transforms! Campers will love the mash-up of combination models that can be rebuilt into something different. These awesome 2- in-1 models will include exciting characters, robots, vehicles and more! Follow the step-by-step building plans and ignite your inner engineer by using your imagination to transform your model into something unique. Join us for this fun-filled camp where you'll use your creativity and engineering skills to build and transform! **Instructor:** Bricks 4 Kidz

KT383 Get Your Glam On! Ages 7 - 12
001, 5 sessions; $160
Mon.-Fri.; July 8-July 12, 2019
Hours: 9:00 a.m.- 12:00 p.m.
"Little girls are made of sugar and spice and everything nice." This class emphasizes confidence and high self-esteem in young girls by making them feel beautiful inside and out. Age-appropriate crafts include: sparkling manicures, pedicures, dazzling hair accessories, shimmering make-up, designing fabulous face gems and decorating and edazzling candles. Make your own lip gloss and bath products and learn how to create braids and other trendy hair styles. **Instructor**: Stephanie Mensch

CE246 Young Entrepreneurs Ages 11-14
002, 5 sessions; $300
Mon.-Fri.; July 8 - July 12, 2019
Hours: 9:00 a.m.-4:00 p.m.
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! **Instructor:** Rita Williams-Bogar

KT414 Chemical Wizardry Ages 7-12
001, 5 sessions; $220
Mon.-Fri.; July 8-July 12, 2019
Hours: 9:00 a.m. - 12:00 p.m.
Get ready for a fun-filled "magical" laboratory experience Harry Potter style. Enjoy making Flubber, Silly Putty, Super Hi-Bounce balls, and more. Have fun making light inside of a glow bottle, a mushroom monster, 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, volcano and more. Learning concepts include atoms and bonding, chemical reactions, polymer chemistry, and more. All campers will take home projects made in class, a mini- chemistry kit & recipe booklet. Please bring a 100% white cotton T- shirt to the second class. **Instructor**: Super Science for Kids

KT411 CSI Science Ages 7-12
001, 5 sessions; $220
Mon.-Fri.; July 8-July 12, 2019
Hours: 1:00 p.m. - 4:00 p.m.
Become a Super Science Sleuth! Learn about forensics, crime scene investigations, and crime lab chemistry as you perform experiments designed to show you just how those tricky cases are solved. Search for evidence, gather clues, and discover how science can help solve a mystery! Dust for and classify fingerprints, analyze hand writing, test for blood type and DNA using simulated blood, and use "Glow Blood" to see where humans can't see. Examine hair and clothing fibers, practice chemistry to identify mystery substances, and much more. **Instructor**: Super Science for Kids

KT321 A Week of Fun Activities Ages 7-12
003, 5 sessions; $310
Mon.-Fri.; July 8-July 12, 2019
Hours: 9:00 a.m.-4:00 p.m.
Fiesta Fun: 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! **Create Your Own Greeting Cards:** Learn how to make your own greeting cards. You will enjoy making cards for all occasions, which you will be proud to send to your family and friends. You will personalize your cards with pictures, decorations and text that fit the special occasion, and make the person who receives them feel special and loved! **Spa Day:** Come pamper yourself and learn how to create your own beauty products to take home, such as Kool Aid lip gloss, gelatin pore strips, oatmeal facial masks, and rosewater perfume to name a few. Learn some basic yoga poses to relax, and get together with your friends for manicures and pedicures. **Crafty Creations:** Come make a variety of crafts using all of those favorite materials, popsicle sticks, tissue paper, paint and more. A number of different creations will made during the week, which you will be able to take home! **Design Board Games:** Spend the day learning how to design, construct, and play your own board games. Use your imagination to develop the design of your own game, decide how it will be played, and then teach your classmates how to play the game. **Instructors:** Kathleen Neumann and Susan Mensch

Minecraft Designers
KT341 Ages 8-11 Hours: 9:00 a.m. - 12:00 p.m
KT342 Ages 11-14 Hours: 1:00 – 4:00 p.m.
001, 5 sessions; $225
Mon.-Fri.; July 8-July 12, 2019
If you love the game Minecraft, but always wanted to design your own characters and buildings for your games this class is for you. Learn the basics of creating 3D modeling using a new industry grade software to design your very own characters and import them into your favorite Minecraft games. Students must have Minecraft at home to import characters and parent email address is required to create student accounts. Note: The Minecraft Designer curriculum is compatible with any desktop (and laptop) version of Minecraft software that is for a PC or Mac computer. Recently, Minecraft has come out with a version of their software for the Xbox 360 and mobile tablets/phones. These versions of Minecraft are not compatible with the desktop software we will use in the class. Since at the present time, the mobile and desktop files are not compatible, students must purchase the PC/Mac version of the software before they can continue to edit/play their maps from home. Students will work in teams for most of the program. **Instructor:** Black Rocket Productions, LLC

CE252 Intensive Reading and Writing Seminar Ages 11-14
001, 5 sessions; $150
Mon.-Fri.; July 8-July 12, 2019
Hours: 9:00 a.m. - 12:00 p.m.
Come practice word recognition skills and strategies; develop vocabulary, as well as comprehension by reading a variety of genres from literature to newspapers and more! Practice how to create cohesive paragraphs, essays, term papers, and more in a supportive environment. Engage in the complete writing process from brainstorming, revising, editing to publishing! **Instructor:** MaryAnn Kudlacik-Kawiecki

KT318 I ♥ Writing Ages 8 - 12
001, 5 sessions; $150
Mon.-Fri.; July 8-July 12, 2019
Hours: 9:00 a.m. - 12:00 p.m.
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. **Instructor:** Sharon Skibitski

CE240 Drawing-Thinking Like Da Vinci Ages 10-12
001, 5 sessions; $325
Mon.-Fri.; July 8-July 12, 2019
Hours: 9:00 a.m.-4:00 p.m.
Come learn various drawing techniques using different types of media while looking at the natural world through the eyes of Leonardo Da Vinci. Experience his amazing power of observation and skills as an illustrator, inventor, and scientist!
Instructor: Krystyna Stroinski

KT513 A Giant Awakes - -Understanding China in the Modern World Ages 14-18
002, 5 sessions; $250
Mon.-Fri.; July 8 – July 12, 2019
Hours: 1:00 p.m. - 4:30 p.m.
In the past 67 years, China has made a phenomenal transformation through a careful blend of capitalism and a centrally planned economy. China's 2025 technology program and One Belt, One Road initiative underscores her ambitions for hegemony. The presentation will examine the future of U.S.–China relations in light of ongoing conflicts on trade, military, and other issues. We will examine China's past, from ancient times onward, and explore its history, philosophies, and traditions to try to better understand the underlying forces that explain China today. **Instructor:** James Levey

ROBLOX® Coders-Entrepreneurs!
KT493 Ages 8 – 11 Hours: 1:00 – 4:00 p.m.
KT 494 Ages 11 – 14 Hours: 9:00 a.m.– 12:00 p.m.
002, 5 sessions; $225
Mon.-Fri.; July 8-July 12, 2019
Discover how to code in the Lua language while playing and 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. Students will work in pairs or teams for most of the program. **Instructor:** Black Rocket Productions, LLC

KT500 Dance Your Heart Out Ages 9-12
002, 5 sessions; $150
Mon.-Fri.; July 8-July 12, 2019
Hours: 9:00 a.m. - 12:00 p.m.
Do you love to dance? Well this class is for you! Each class, after learning the history of a specific dance style, the instructor (former competitive dancer and current zumba instructor) will lead you through a dance class focused around that style of dance. Students will also have the opportunity to create their own dances. A different style of dance each class makes this a class you don't want to miss! No dance experience needed!
Instructor: Julia Verno

CE881 Mathemania Ages 10-12
002, 5 sessions; $150
Mon.-Fri.; July 8-July 12, 2019
Hours: 9:00 a.m. - 12:00 p.m.
This course is for any student who wants to experience the many FUN applications that mathematics play in our everyday lives. This fun-filled math adventure boosts your basic math skills and confidence while you have a great time learning! Learn math tricks, create palindromes with addition, play games, do Sudoku puzzles, and investigate patterns in math. See how simple strategies can help with basic facts and word problems. **Instructor:** Laura Hammerele

CE271 Living and Working in Space Grades 5 & 6
001, 5 sessions; $650
Mon.-Fri.; July 8-July 12, 2019
Hours: 9:00 a.m. - 3:00 p.m.
Like astronauts in training, campers will learn about life in space from the early days of Mercury to present and future missions. Campers will simulate what it is like to eat, sleep and work in space **Instructor & Location:** Buehler Challenger & Science Center

Python Programmers: Make Your Own Multiplayer Game!
Mon.-Fri.; July 8 – July 12, 2019
KT489 Ages 11-14 Hours: 9:00a.m. – 12:00p.m**.**
KT520 Ages 8 –11 Hours: 1:00p.m. – 4:00p.m.
001, 5 sessions; $225
Youtube, Google, Instagram and Spotify - what do they have in common? They were created with Python. Learn how to code with Python and create your first multi-player adventure game. Each lesson takes you step-by-step to start you on a programming path that will let you challenge friends with a fun game you built from start to finish! **Instructor:** Black Rocket Productions, LLC

CE055 Community Art Ages 8-11
001, 5 sessions; $200
Mon.-Fri.; July 8 – July 12, 2019
Hours: 9:00 a.m. - 12:00 p.m.
Foster your ability to work as a team, communicate with others, and carry out a project with an artistic message! Using paint create a group mural that displays a meaningful message to the community. Bring a smock and get ready to get messy! **Instructor:** Teresa Sherry

CE255 Sculpture for the 3D Artist! Ages 8-11
001, 5 sessions; $225

Mon.-Fri.; July 8-July 12, 2019
Hours: 1:00 p.m. - 4:00 p.m. Sculpture is energy; it's not flat! Come create exotic animal masks and even combine features of animals to make unique masks! Have you ever seen movement in a sculpture? It is called kinetic energy to bring motion into your sculptures! How is this done? There is even more to create so come along and see what we can make from boxes, bottle caps, milk jugs, and whatever else we can find! **Instructor:** Teresa Sherry

KT319 I ♥ Writing Ages 12 - 15
001, 5 sessions; $150
Mon.-Fri.; July 8-July 12, 2019
Hours: 1:00 p.m. - 4:00 p.m.
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. **Instructor:** TBA

KT301 Beginner's Guitar Ages 12 - 16
002, 10 sessions; $300 (2 week class)
Mon.-Fri.; July 8-July 12, 2019
Mon.-Fri.; July 15-July 19, 2019
Hours: 9:00 a.m. – 12:00 p.m.
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. **Instructor:** Perry Jones

CE150 Debate Club Ages 13-15
001, 5 sessions; $300
Mon.-Fri.; July 8-July 12, 2019
Hours: 9:00 a.m. - 4:00 p.m.
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! **Instructor:** Patrick Bouchard

KT506 Around the World in 5 Days Ages 7 – 12
001, 5 sessions; $275
Mon.-Fri.; July 8-July 12, 2019
Hours: 9:00 a.m. - 12:00 p.m.
During the camp the chef will pick a country of the day and make fun foods, drinks and snacks from that region and it's sure to be a hit! Recipe books will be distributed at the last class of what was made during the week so junior chefs can continue the fun at home. **Instructor**: Chef It Up

KT505 Junior Chef Battle of the Week Ages 7 - 12
001, 5 sessions, $275
Mon.-Fri.; July 8-July 12, 2019
Hours: 1:00 p.m. - 4:00 p.m.
Each class will be a different themed battle such as cupcakes, food art, just desserts, etc.Then under the careful supervision and enthusiasm of a chef, we will break the campers into different teams and explain the rules for that battle. To add to the expense, we keep the ingredients a secret until they are ready to battle it out! They will have a certain time frame to complete their battle with their teammate. Fun will be had by all! **Instructor**: Chef It Up

KT543 Culinary Arts Ages 12 - 17
001, 10 sessions; $550 (2 week course)
Mon. - Fri., July 8-July 12, 2019
Mon.- Fri.; July 15-July 19, 2019
Hours: 9:00 a.m.-12:00 p.m.
Camper Chefs will learn the art of cooking during this two week culinary camp. Chefs will learn the science behind combining specific recipe ingredients to make delicious dishes from scratch! Chefs will learn the importance of measuring, cutting, combining and all the other secrets to making the perfect dish! (*Kitchen health and safety practices will be taught during the first meeting, and practiced throughout.)* **Instructor:** Bergen Community College Chef(s) Tomar Zilkah (Chef –Owner, Patisserie Florentine) or Aaron Morrissey (Sous Chef)
Campers must wear closed, non- slip shoes, baseball caps, and bring an apron

KT426 Photoshop: Graphic Designer Concepts Ages 13 - 16
001, 5 sessions; $320
Mon. - Fri., July 8-July 12, 2019
Hours: 9:00 a.m.-4:00 p.m.
From book covers and video games advertisements, to movie posters and CD covers, all these designs start with a creative idea and a new Adobe Photoshop document! Come take your ideas and turn them into eye-popping digital art through the use of basic image editing, transformation, enhancing, and compositing. Learn how to design posters, postcards, stickers, and song/book covers! Basic computer mouse skills are required. **Instructor:** Corrin Jacobson Kovalcik

KT541 Bread Making Ages 12 - 17
001, 10 sessions; $550 (2 week course)
Mon. - Fri., July 8-July 12, 2019
Mon.- Fri.; July 15-July 19, 2019
Hours: 1:00 p.m.-4:00 p.m.
Camper Chefs will learn the art of making various types of breads during this two week culinary camp. Campers will learn the art and science behind combining specific recipe ingredients to make delicious bread from scratch! They will practice some math and engineering, as they mix and measure, assemble and create their breads. (*Kitchen health and safety practices will be taught during the first meeting, and practiced throughout.)* **Instructor:** Bergen Community College Chef(s) Tomar Zilkah (Chef –Owner, Patisserie Florentine) or Aaron Morrissey (Sous Chef)
Campers must wear closed, non- slip shoes, baseball caps, and bring an apron.

KT479 HACKed – Hungry Aspiring Chefs in the Kitchen Ages 13-17
001, 12 sessions; $ – 3 Week Class (Monday – Thursday)
Mon.-Thur.; July 8-July 11, 2019
Mon.-Thur.; July 15-July 18, 2019
Mon.-Thur.; July 22-July 25, 2019
Hours: 9:00 a.m. - 12:00 p.m.
Join Chef Arron and the Hospitality/Culinary Arts staff for a three-week culinary experience and competition, where you are the Teen Chef! Participants will receive top-notch instructions from our professionals in preparing simple and delicious meals, including appetizers, entrees and desserts. During the third week, students will form four teams of three to create delicious dishes for our panel of judges, and compete for the top prize: the title of HACKed Teen Chef! During each round of the contest, one team will be HACKed. At the end of week three, we invite participants' parents to attend the final judging and taste everyone's creations. **Instructor:** Chef Aaron Morrissey of Sous Chef and Hospitality/Culinary Arts staff Ronda Drakeford

To register, visit our [registration page.](#)

Week 4 (July 15 – July 19)

KT321 A Week of Fun Activities Ages 7-12
004, 5 sessions; $320
Mon.-Fri.; July 15-July 19, 2019
Hours: 9:00 a.m.-4:00 p.m.
Spa Day! Come pamper yourself and learn how to make your own beauty products to take home, such as Kool Aid lip gloss, gelatin pore strips, oatmeal facial masks, and rosewater perfume, to name a few. Learn some basic yoga poses to start and end your day, and indulge yourself with a manicure and/or pedicure. **Fiesta Fun:** 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! **Hawaiian Luau Day:** Come join us at our very own luau! We will make leis, grass skirts, coconut crafts, and just have a lot of Hawaiian fun! **Dream Catchers:** Native Americans believed that dream catchers could catch your bad dreams in their web, and only allow good dreams to come through. Create your own decorative dream catchers complete with beads and feathers. And have sweet dreams always! **Scrapbooking:** Learn how to make fun, creative scrapbooks with your photographs. Photos of your family, friends, pets, or anything else you want to include will be saved in your scrapbook. Then your scrapbook pages will be embellished with stickers, stamps, letters, fabric, beads, sequins, and ribbon. The final result will be something that will keep your fun memories alive. I**nstructors:** Gul Khan, Julia Amaya, and Stephanie Mensch and Susan Mensch

KT445 Super Science STEM Challenges Ages 7 – 12
002, 5 sessions; $220
Mon.-Fri.; July 15-July 19, 2019
Hours: 1:00 p.m. - 4:00 p.m.
In this engineering camp, you will have fun integrating Science, Technology, Engineering, and Mathematics by building and designing a wide range of gadgets, inventive machines, towers, crazy contraptions, and more. Projects include: The Great Tower Challenge, the Standing Cup Pyramid Challenge, design a hurricane proof power, Wooden Coaster Challenge, Structural Engineering Challenge, Magnificent Marble Machine, and a host of other fun contests designed to bring out the engineer in you! Students will take home several of the projects built in class. **Instructor:** Super Science for Kids

KT487 World of Science Motorized Build Ages 7 – 10
001, 5 sessions; $220
Mon.-Fri.; July 15-July 19, 2019
Hours: 1:00 p.m. - 4:00 p.m.
Calling all future scientists! Come learn, build and experiment with us! Our budding astronomers, meteorologists, zoologists, and inventors will learn about space, weather, animals, and more! We'll build all sorts of awesome scientific models and gadgets that are sure to spark both imagination and intellect. If you just can't get enough of hands-on science fun, then you won't want to miss out on our World of Science unit!
Instructor: Bricks 4 Kidz

KT303 Food Science   Ages 7 – 12
001, 5 sessions; $275
Mon.-Fri.; July 15-July 19, 2019
Hours: 9:00a.m. – 12:00p.m.
In each class the junior chefs will conduct one fun science experiment using edible ingredients. A snack will also be prepared to enjoy by all. **Instructor:** Chef It Up

KT549 Happy, Healthy Kids Ages 7 – 12
001, 5 sessions; $275
Mon.-Fri.; July 15-July 19, 2019
Hours: 1:00p.m. – 4:00p.m
See how yummy and fun healthy food can be! Each day our junior chefs will enjoy cooking their own lunch and learn to use a variety of kitchen tools. They will be using kitchen tools such as egg slicers to top salads, grater for mozzarella for pizzas, veggie peeler and juicer for fresh squeezed drinks. **Instructor:** Chef It Up

KT443 Architecture and Engineering Challenges Ages 7-12
001, 5 sessions; $220
Mon.-Fri.; July 15-July 19, 2019
Hours: 9:00 a.m. - 12:00 p.m.
Architecture and engineering are the focus of this program. You will work to design and build towers, bridges and a wide array of Lego and K'nex™ architecture projects. Have fun building famous Lego architectural designs from around the world. These include famous buildings such as the Whitehouse, the Capitol, and Buckingham Palace! You will also build other structures including earthquake proof towers, tall buildings of your own design and more, using a variety of materials including Zometool, Keva blocks, balsawood, straws, and even paper. Have fun learning about structural engineering principles and forces that act on structures. Develop science, technology, engineering and mathematics skills in a fun, hands-on environment. **Instructor**: Super Science for Kids

3D Game Labs with Unity
KT491 Ages 8 – 11 Hours: 1:00 – 4:00p.m**.**
KT492 Ages 11 – 14 Hours: 9:00am – 12:00p.m.
001, 5 sessions; $225
Mon.-Fri.; July 15-July 19, 2019
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, intermediate event scripting, and the impact of game play on user experience. Student-created games will be available on a password protected Black Rocket website to share with friends and family. Students will work in pairs or teams for most of the program. **Instructor:** Black Rocket Productions, LLC

KT400 Junior Authors Ages 10-14
001, 5 sessions; $150
Mon.-Fri.; July 15-July 19, 2019
Hours: 1:00 p.m. - 4:00 p.m.
Are you the next best-selling author? Well, don't let your young age stop you! Learn how to write a short story that your friends and siblings will enjoy reading. In this class you will have the opportunity to put your ideas on paper to develop a story-line that is exciting, creative, fun, or serious. You will also have an opportunity to illustrate your book's cover so that by the end of the week you will have created your first story book. **Instructor:** Sharon Skibitski

KT385 Shark Tank Ages 8-10
001, 5 sessions; $160
Mon.-Fri.; July 15-July 19, 2019
Hours: 9:00 a.m. - 12:00 p.m.
Use your creativity and inventive thinking to create a unique item that is an innovation to an everyday product, or a new invention, that was made solely with recycled or re-purposed materials. Then present your product to the panel of "Shark Tank" judges. **Instructor**: Kathy Neumann

KT514 The Golden Age of Chinese Civilization Ages 11-13
001, 5 sessions; $250
Mon.-Fri.; July 15 – July 19, 2019
Hours: 1:00 p.m. - 4:30 p.m.
China's Golden Age, from 600 to 1300 CE, was a time of outstanding artistic and scientific achievement Chinese civilization flourished; its people enjoyed great prosperity, political stability and cultural distinction.
This workshop will explore Chinese beliefs and how they influenced artistic achievements in painting, poetry, calligraphy, sculpture and literature during its Golden Age. We will examine how China's quest to unravel the mysteries of nature during its Golden Age led to major advances in science and technology. **Instructor:** James Levey

App Attack! Make Your First Game App
KT286 Ages 8 – 11 Hours: 9:00a.m. – 12:00p.m**.**
KT287 Ages 11 – 14 Hours: 1:00 – 4:00p.m.
001, 5 sessions; $225
Mon.-Fri.; July 15-July 19, 2019
Explore the App universe and create your own mobile application or mobile game! Students will explore the world of phone-based and tablet applications. In addition to learning the basics of mobile app design and games, you will also see firsthand how the world of App's publishing functions. No prior experience is necessary and students do not need to own a smart phone or tablet to take the class. Students will work in teams for most of the program. **Instructor**: Black Rocket Productions, LLC

KT457 Intro to Film and TV: Acting and Behind the Scenes Ages 8-15
001, 5 sessions; $450
Mon.-Fri.; July 15-July 19, 2019
Hours: 9:00 a.m. – 4:00 p.m.
Your children will work as cast and crew teams in this cool class/camp. Kids learn basic levels of acting, directing, voice-over, operating the camera and working on green screen. Script writing, storyboarding and improvisation will also be introduced. Each day is different as they create projects as commercials, film scenes, music videos and public service announcements. They will truly learn the basics of the biz. (After camp, all footage is sent to a professional editor. Parents have the option to order for purchase a professionally edited USB as a keepsake. **Instructor:** Wickline Casting

Battle Royale: Make Your First Fortnite Style Video Game
KT531 Ages 8 – 11 Hours: 1:00 p.m. – 4:00 p.m.
KT 532 Ages 11 – 14 Hours: 9:00 a.m. – 12:00 p.m.
001, 5 sessions; $225
Mon.-Fri.; July 15-July 19, 2019
Fans of Fortnite we need you! Instead of playing the game, design your own. Using a professional 3D game development software, build levels and assets inspired by popular Battle Royale games like Fortnite. This course includes cartoonish action and battle sequences. Student-created games will be available on a password protected Black Rocket website to share with friends and family. Students will work in pairs or teams for most of the program. **Instructor**: Black Rocket Productions, LLC

CE155 Lego Education WeDo! Ages 7-9
002, 5 sessions; $300
Mon.-Fri.; July 15-July 19, 2019
Hours: 9:00 a.m. - 4:00 p.m.
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. **Instructor:** John Russo

KT325 Preparing for Flight Grades 7 & 8
001, 5 sessions; $650
Mon.-Fri.; July 15-July 19, 2019
Hours: 9:00 a.m. - 3:00 p.m.
In preparation for flight, the campers, acting as astronauts, experience the rigors of simulated training and missions to space. Campers will build planes, water rockets, engine rockets, and an airport of the future. They will also fly simulated space missions to Comet Halley, the moon and Mars. **Instructor & Location:** Buehler Challenger & Science Center

CE252 Intensive Reading and Writing Seminar Ages 11-14
002, 5 sessions; $150
Mon.-Fri.; July 15-July 19, 2019
Hours: 9:00 a.m. - 12:00 p.m.
Come practice word recognition skills and strategies; develop vocabulary, as well as comprehension by reading a variety of genres from literature to newspapers and more. Practice how to create cohesive paragraphs, essays, term papers, and more in a supportive environment. Engage in the complete writing process from brainstorming, revising, editing to publishing! **Instructor:** MaryAnn Kudlacik-Kawiecki

KT364 Making Jewelry with Resin Ages 12-16
001, 5 sessions; $325
Mon.-Fri.; July 15-July 19, 2019
Hours: 9:00 – 4:00 pm

Anyone can go to the store and purchase a piece of jewelry; however what if you could say I created it myself! In this class we will do exactly that by twisting, hammering, forming and bending metal into bracelets, rings, pendants, earrings and more! We will also use a product called resin which is an epoxy base liquid that hardens to protect any photographs, artwork, small toys, beads, buttons and more. **Instructor:** Teresa Sherry

KT537 Animal Head Sculpture Ages 11 - 16
001, 5 sessions; $185
Mon.-Fri.; July 15 – July 19, 2019
Hours: 1:00 p.m. – 4:00 p.m.
Choose your favorite animal or an exotic animal and lets see it come to life on a canvas using basic recycled materials, papier-mâché and paint!. **Instructor:** Michelle Silva

KT280 A Week at Hogwarts for the Advanced Harry Potter Fan Ages 10-12
002, 5 sessions; $320
Mon.-Fri.; July 15- July 19, 2019
Hours: 9:00 a.m. – 4:00 p.m.
Come hop aboard the Hogwarts Express to spend a week with Harry Potter and his friends. Imagine the adventures we will have as we are transported into a world filled with wizards, house elves, cauldrons, invisibility cloaks, floo networks, marauders maps, and the elusive golden snitch. You will not want to miss this week of whimsical enchantment! *This class is for those true Harry Potter fans who have already read the series.* **Instructor:** Carly Neuschatz

Junior Engineer's Club
KT535 001 Ages 7-9 Hours: 9:00 a.m.-4:00 p.m.
KT536 001 Ages 10-12 Hours: 9:00 a.m.-4:00 p.m.
5 sessions; $385
Mon.-Fri.; July 15 July 19, 2019
Enjoy a full week of fun activities performing fun experiments and learning as we explore Biomes, Bridge Building, Water, Volcanoes, and Electricity & Magnetism. Each day students will work together to create projects. Have fun learning to understand and solve problems, designing and building your own projects, imagine the future just like an Engineer! Discover new things like:
- Learn about different types of ecosystems, environments understand what makes them special. Discover what makes a biome and build your very own, take it home, care for it, and see it come to life.
- Explore the great bridges of the world understand how it all works and then design and build your own!
- Discover the properties of water and how it exists in many forms, Guest Experts provide important information on this precious resource and fun experiments with water.
- Understand how the Earth's crust changes and what magma is, then build your own volcano and see how it can erupt!
- Discover how magnets work, why they attract and repel, then build your own magnet and see how it works!

Instructor: Joshua Farra and Gena Bauer

KT365 3D Figure Sculpting Ages 12-15
001, 5 sessions; $185
Mon.-Fri.; July 15 –July 19, 2019
Hours: 9:00 a.m. - 12:00 p.m.
Discover how to create 3-dimensional figure sculptures using wire, newspaper, papier-mâché and polymer clay. The process for creating your favorite character, celebrity or any other subject is easy and fun with this sculpting technique. **Instructor:** Michelle Silva

KT359 Painting Styles Ages 11-14
001, 5 sessions; $325
Mon.-Fri.; July 15-July 19, 2019
Hours: 9:00 a.m. - 4:00 p.m.
Come explore the techniques used to create paintings in such art styles as surrealism, impressionism, pointillism, cubism, and pot-art. Learn different ways of finding ideas for your paintings, and then use those ideas to create your masterpieces using acrylic paint on canvas. **Instructor:** Krystyna Stroinski

To register, visit our

Week 5 (July 22 – July 26)

KT483 Jurassic Survival Motorized Build Ages 7 – 10
001, 5 sessions; $220
Mon.-Fri.; July 22-July 26, 2019
Hours: 9:00 a.m. - 12:00 p.m.
Are you ready for the adventure of a lifetime? Put on your hiking boots and camouflage...you're about to enter Jurassic Brick Land! Students will build a world that comes to life with gentle Brontosaurus, ferocious Velociraptor, terrifying Rex, and more. We'll learn about amazing dinosaurs that lived during the Jurassic period, and other extinct, prehistoric animals that roamed the earth and swam the seas during that era and millions of years later. Show us your building skills using our specialized project kits! **Instructor:** Bricks 4 Kidz

KT321 A Week of Fun Activities Ages 7-12
005, 5 sessions; $320
Mon.-Fri.; July 22-July 26, 2019
Hours: 9:00 a.m.-4:00 p.m.
Create Fun Stuffed Animals: Do you love stuffed animals? Did you have a favorite one when you were younger, or perhaps still do? Then come join us as we create our own cute and cuddly stuffed animals. You can make bunnies, kittens, puppies, or whatever your heart desires! **Cork Board Designs:** Create your very own personalized BIG cork boards with colorful paint, ribbons, wood shapes, glitter and more. Personalize with your name, favorite animals, or hobbies. Create miniature framed pieces of art for your cork board, too. You will have a one-of-a-kind masterpiece to take home. **Summer Desserts:** Create and sample a variety of sweet treats in this yummy class. Learn to make different kinds of desserts that are perfect for hot summer weather. You'll also create and take home your own dessert recipe book so you can continue to make treats for your family all summer long. **Spa Day:** Come pamper yourself and learn how to create your own beauty products to take home, such as Kool Aid lip gloss, gelatin pore strips, oatmeal facial masks, and rosewater perfume to name a few. Learn some basic yoga poses to relax, and get together with your friends for manicures and pedicures. **I Want to Be a Teacher:** Do you love to play school and always wanted to know how teachers design lessons, decorate the classrooms, create tests, quizzes, projects, and maintain grade books? You will learn everything you need about how to be a teacher in a fun, exciting atmosphere! **Instructor:** Susan Mensch

KT413 Super Science Make & Take Ages 7-12
001, 5 sessions; $220
Mon.-Fri.; July 22-July 26, 2019
Hours: 1:00 p.m. - 4:00 p.m.
Discover the excitement of science and make a variety of toys designed to illustrate science concepts that make learning fun. Most of the projects can be taken home as they are made throughout the week. Make your own working telescope as you learn about the optics of light. Construct an electro-magnet and a working electric motor. Build an adjustable, ball-launching catapult that changes the trajectory of a flinging projectile. Projects will vary by age level. **Instructor:** Super Science for Kids

KT414 Chemical Wizardry Ages 7-12
003, 5 sessions; $220
Mon.-Fri.; July 22-July 26, 2019
Hours: 9:00 a.m. - 12:00 p.m.
Get ready for a fun-filled "magical" laboratory experience Harry Potter style. Enjoy making Flubber, Silly Putty, Super Hi-Bounce balls, and more. Have fun making light inside of a glow bottle, a mushroom monster, 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, volcano and more. Learning concepts include atoms and bonding, chemical reactions, polymer chemistry, and more. All campers will take home projects made in class, a mini- chemistry kit & recipe booklet. Please bring a 100% white cotton T- shirt to the second class.
Instructor: Super Science for Kids

KT507 Junior Chef What's For Lunch Ages 7-12
001, 5 sessions; $275
Mon.-Fri.; July 22-July 26, 2019
Hours: 9:00 a.m. - 12:00 p.m.
In this fun filled cooking summer camp, each chef will prepare a complete lunch along with a dessert and drink each day and of course we make time to play some games and make friends while learning some fun cooking skills!!
Instructor: Chef It Up

KT548 Junior Chef Summer Snack Attack Ages 7-12
001, 5 sessions; $275
Mon.-Fri.; July 22-July 26, 2019
Hours: 1:00 p.m. - 4:00 p.m.
During each class junior chefs will be creating some delicious snacks to enjoy! They will be making fresh fruit smoothies, healthy chocolate hummus, chicken salad celery sticks, no-bake berry snacks, creamy avocado wraps and more!
Instructor: Chef It Up

KT497 Portrait Painting Ages 10-13
001, 5 sessions; $325
Mon.-Fri.; July 22-July 26, 2019
Hours: 9:00 a.m. - 4:00 p.m.
In this class, students will bring pictures of their family, friends, and pets, and paint them in acrylic or oil paint. You will investigate the foundational elements of portrait painting: proportion, skin colors, facial expressions, etc., producing complex and professional portraits of your loved ones. **Instructor:** Krystyna Stroinski

Drone Adventures
KT529 Ages 8 – 11 Hours: 9:00a.m. – 12:00p.m.
KT530 Ages 11 – 14 Hours: 1:00 – 4:00p.m.
001, 5 sessions; $225
Mon.-Fri.; July 22-July 26, 2019
The Drones are here! Let the battles begin. In this hands on, interactive class you will learn how to fly and drive drone robots. Working in teams you will be able to code your drone to compete in missions that will prepare you for the ultimate team challenge at the end of the week. Students will work in pairs or teams for most of the program. **Instructor**: Black Rocket Productions, LLC

KT358 Beginning Sewing Ages 9-12
001, 5 sessions; $320
Mon.-Fri.; July 22-July 26, 2019
Hours: 9:00 a.m. - 4:00 p.m.

Students will learn the basic skills of sewing with both hand stitching and machine stitching. We will make projects to develop their basic sewing skills: stitching, sewing buttons, basic quilting and more. They will be asked to take a trip to the fabric store to select fabric and thread as part of their final project so it will be entirely their own creation! *No Sewing Experience Necessary*
Instructor: Teresa Sherry

CE264 Lego Education WeDo! Ages 10-12
 001, 5 sessions; $300
Mon.-Fri.; July 22-July 26, 2019
Hours: 9:00 a.m. - 4:00 p.m.
Come explore the world of Robotics using Lego Education WeDo equipment. Make motorized devices using Legos and computer software! Come join us again even if you took the first section to expand your knowledge and experience with robotics! **Instructor:** John Russo

CE084 Model United Nations Ages 13-16
001, 5 sessions; $300
Mon.-Fri.; July 22-July 26, 2019
Hours: 9:00 a.m. - 4:00 p.m.
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. **Instructor**: Patrick Bouchard

KT324 Rocket Girls Grades 5 - 8
001, 5 sessions; $650
Mon.-Fri.; July 22-July 26, 2019
Hours: 9:00 a.m. - 3:00 p.m.
Rocket Girls encourages girls to become risk takers and learn how to use science, math and technology to shape their futures. Campers will blast off and fly simulated missions to Comet Halley, the moon and Mars. They will also build and launch rockets in addition to many other fun and challenging activities. **Instructor & Location:** Buehler Challenger & Science Center

Video Game Animation
KT448   Ages 8 – 11 Hours: 1:00-4:00p.m.
KT449   Ages 11–14 Hours: 9:00a.m.-12:00p.m.
001, 5 sessions; $225
Mon.-Fri.; July 22-July 26, 2019
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 story line. 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. Games are only compatible on PC computers; Mac versions can be created after the program for $15.00 conversion fee. Students will work in pairs or teams for most of the program. Returning students can create more advanced projects that build on previous years. **Instructor:** Black Rocket Productions, LLC

KT280 A Week at Hogwarts for the Advanced Harry Potter Fan Ages 10-12
002, 5 sessions; $320
Mon.-Fri.; July 22-July 26, 2019
Hours: 9:00 a.m. – 4:00 p.m.
Come hop aboard the Hogwarts Express to spend a week with Harry Potter and his friends. Imagine the adventures we will have as we are transported into a world filled with wizards, house elves, cauldrons, invisibility cloaks, floo networks, marauders maps, and the elusive golden snitch. You will not want to miss this week of whimsical enchantment! *This class is for those true Harry Potter fans who have already read the series.*
Instructor: Carly Neuschatz

KT444 Introduction to LEGO and VEX IQ Robotics Ages 9- 14
002, 5 sessions; $220
Mon.-Fri.; July 22-July 26, 2019
Hours: 1:00 p.m. - 4:00 p.m.
Have fun building, designing, and programming robots with Lego Mindstorms & VEX IQ robotic systems. Build robot projects and creations that use working sensors and motors. LEGO MINDSTORMS (EV3 & NXT) combines the unlimited versatility of the LEGO building system with an intelligent microcomputer brick and intuitive drag-and-drop programming software. VEX IQ offers unique building challenges, a Wii – style remote control, and unlimited possibilities. No prior robotic or programming experience is necessary for this introductory course. **Instructor:** Super Science for Kids

KT399 Exploring Improv Ages 10-16
001, 5 sessions; $310
Mon.-Fri.; July 22-July 26, 2019
Hours: 9:00 a.m. - 4:00 p.m.
This class is about fun! Our experienced Garage Theatre Group teachers use theatre games and physical exercises to teach kids the basics of improvisation. Young students are encouraged to use their imaginations as you 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.
Instructor: Michael Bias, Artistic Director, The Garage Theatre Group

KT386 Shark Tank Ages 11-13
001, 5 sessions; $160
Mon.-Fri.; July 22-July 26, 2019
Hours: 9:00 a.m. - 12:00 p.m.
Use your creativity and inventive thinking to create a unique item that is an innovation to an everyday product, or a new invention, that was made solely with recycled or re- purposed materials. Then present your product to the panel of "Shark Tank" judges. **Instructor**: Daniela Mejia

ROBLOX Makers
KT533 Ages 8 – 11 Hours: 1:00 – 4:00p.m.
KT534 Ages 11-14 Hours: 9:00a.m. – 12:00p.m
002, 5 sessions; $225
Mon.-Fri.; July 22-July 26, 2019
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 story line. 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. Games are only compatible on PC computers; Mac versions can be created after the program for $15.00 conversion fee. Students will work in pairs or teams for most of the program. Returning students can create more advanced projects that build on previous years. **Instructor:** Black Rocket Productions, LLC

CE057 Notes! Ages 11-14
001, 5 sessions; $150
Mon.-Fri.; July 22-July 26, 2019
Hours: 9:00 am - 12:00 p.m.
Come learn the most effective ways to take notes from books, lectures, etc. You will also learn great techniques to improve your study habits and test-taking skills! **Instructor:** MaryAnn Kudlacik-Kawiecki

KT417 Snare Drum Ages 10-14
001, 5 sessions; $150
Mon.-Fri.; July 22-July 26, 2019
Hours: 1:00 pm – 4:00 pm
This beginner snare drum class teaches students how to properly hold drum sticks, how to read percussion music, and learn how to read different time signatures. Students will need to bring 1 pair of standard snare drum sticks, a practice pad and 1 folder for music. OPTIONAL: If you would like to rent a snare drum, you may; but it is not required. **Instructor:** Megan Dever

KT514 The Golden Age of Chinese Civilization Ages 11-13
002, 5 sessions $250
Mon.-Fri.; July 22 – July 26, 2019
Hours: 1:00p.m. – 4:30p.m.
China's Golden Age, from 600 to 1300 CE, was a time of outstanding artistic and scientific achievement. Chinese civilization flourished; its people enjoyed great prosperity, political stability and cultural distinction. This workshop will explore Chinese beliefs and how they influenced artistic achievements in painting, poetry, calligraphy, sculpture and literature during its Golden Age. We will examine how China's quest to unravel the mysteries of nature during its Golden Age led to major advances in science and technology. **Instructor**: James Levey

Junior Engineer's Club
KT535 002 Ages 7-9 Hours:9:00 a.m.-4:00 p.m.
KT536 002 Ages 10-12 Hours: 9:00 a.m.-4:00 p.m.
5 sessions, $385
Mon.-Fri.; July 22 -July 26, 2019
Enjoy a full week of fun activities performing fun experiments and learning as we explore Biomes, Bridge Building, Water, Volcanoes, and Electricity & Magnetism. Each day students will work together to create projects. Have fun learning to understand and solve problems, designing and building your own projects, imagine the future just like an Engineer! Discover new things like:
- Learn about different types of ecosystems, environments understand what makes them special. Discover what makes a biome and build your very own, take it home, care for it, and see it come to life.
- Explore the great bridges of the world understand how it all works and then design and build your own!
- Discover the properties of water and how it exists in many forms, Guest Experts provide important information on this precious resource and fun experiments with water.
- Understand how the Earth's crust changes and what magma is, then build your own volcano and see how it can erupt!
- Discover how magnets work, why they attract and repel, then build your own magnet and see how it works!
Instructor: Joshua Farra and Gena Bauer

KT409 International Cuisine Ages 12 - 17
001, 10 sessions; $550 (2 week course)
Mon.-Fri.; July 22 –July 26, 2019
Mon.-Fri.; July 29 – August 2, 2019
Hours: 9:00 a.m.-12:00 p.m.
Camper Chefs will learn the art of cooking international foods during this two week culinary camp. Chefs will learn the science behind combining specific recipe ingredients to make delicious dishes from scratch! Chefs will learn the importance of measuring, cutting, combining and all the other secrets to making the perfect dish! They will learn the cuisines of various cultures while appreciating the culinary differences of each culture. (*Kitchen health and safety practices will be taught during the first meeting, and practiced throughout.)* **Instructor:** Bergen Community College Chef(s) Tomar Zilkah (Chef –Owner, Patisserie Florentine) and Aaron Morrissey (Sous Chef)
*****Campers must wear closed, non- slip shoes, baseball caps, and bring an apron.**

CE067 Digital Photo Editing Ages 11-14
001, 5 sessions; $160
Mon.-Fri.; July 22-July 26, 2018
Hours: 9:00 a.m. - 12:00 p.m.
Using digital pictures and software learn how to create new pictures or enhance your originals. Apply effects to make your images have unique designs, modify existing images to match various backgrounds and more.
Instructor: Michelle Silva

KT544 Tarts and Pie Ages 12 - 17
001, 10 sessions; $550 (2 week course)
Mon.-Fri.; July 22 – July 26, 2019
Mon.-Fri.; July 29 – August 2, 2019
Hours: 1:00 p.m.-4:00 p.m.
Camper Chefs will learn the art of making various types of tarts and pies during this two week culinary camp. Campers will learn the art and science behind combining specific recipe ingredients to make delicious desserts from scratch! They will practice some math and engineering, as they mix and measure, assemble and create their pastries. (*Kitchen health and safety practices will be taught during the first meeting, and practiced throughout.)* **Instructor:** Bergen Community College Chef(s) Tomar Zilkah (Chef –Owner, Patisserie Florentine) and Aaron Morrissey (Sous Chef)
*****Campers must wear closed, non- slip shoes, baseball caps, and bring an apron**.

To register, visit our registration page

Week 6 (July 29 – August 2)

KT320 K'Nex Amusement Park Ages 7 - 11
001, 5 sessions; $150
Mon.-Fri.; July 29-August 2, 2019
Hours: 9:00 a.m. - 12:00 p.m.
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! **Instructor:** John Russo

KT488 Oceanography Ages 7 - 12
001, 5 sessions; $200
Mon.-Fri.; July 29-August 2, 2019
Hours: 9:00 a.m. - 12:00 p.m.
Come and explore the vastness of the Ocean from sandy shore to unexplored abyss in Super Science for Kid's brand-new Oceanography class. Students in this class will engage in multiple scientific disciplines ranging from Ecology and Anatomy to Geology, Chemistry, and Paleontology. STEM challenges will include creating your first submersible and designing the perfect plankton. These activities round out a course that offers students a challenge that is both fun and educational. **Instructor:** Super Science

KT447 Battle-Bots and Robotic Fun Ages 7-12
002, 5 sessions; $220
Mon.-Fri.; July 29-August 2, 2019
Hours: 1:00 p.m. - 4:00 p.m.
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 Robotix modular collection, participating in our robot tug-o' war, Olympic competition, soccer match, and more. Campers will learn engineering principles in a fun, hands-on atmosphere. (This camp focuses on building modular robots from your imagination. Coding is not a focus in this class). All students will take home a Hexbug robot as part of this camp. **Instructor:** Super Science for Kids

CE900 Lego Pirates and Star Wars Ages 7-11
001, 5 sessions; $150
Mon.-Fri.; July 29-August 2, 2019
Hours: 1:00 p.m. - 4:00 p.m.
Have fun building vehicles and other artifacts related to pirates and the Star Wars collection. **Instructor:** John Russo

KT321 A Week of Fun activities Ages 7-12
006, 5 sessions; $320
Mon.-Fri.; July 29-August 2, 2019 Hours: 9:00 a.m.-4:00 p.m.
Create Your Own Greeting Cards: Learn how to make your own greeting cards. You will enjoy making cards for all occasions, which you will be proud to send to your family and friends. You will personalize your cards with pictures, decorations and text that fit the special occasion, and make the person who receives them feel special and loved! **Design Board Games:** Spend the day learning how to design, construct, and play your own board games. Use your imagination to develop the design of your own game, decide how it will be played, and then teach your classmates how to play the game. **Dream Catchers:** Native Americans believed that dream catchers could catch your bad dreams in their web, and only allow good dreams to come through. Create your own decorative dream catchers complete with beads and feathers. And have sweet dreams always!
Colorful Sand Arts: Create amazing art with sand, sea shells, fancy jewels and ribbons. We will fill mason jars and fun shaped containers with colorful sand. You can create beach scenes and decorate both the inside and outside of the jars! You will have an amazing time being a sand artist! **Perler Bead Creations:** Design and create fun, decorative objects using perler beads. Watch your designs come to life when you use these colorful, easy to use beads to make wall art, key chains, boxes, bowls, jewelry and so much more! **Instructors:** Kathleen Neumann, Susan Mensch, Stephanie Mensch

KT453 Virtual Reality Ages 8 - 11
001, 5 sessions; $244
Mon.-Fri.; July 29-August 2, 2019
Hours: 9:00 a.m. - 12:00 p.m.
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. 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 a mobile device. Students do not need a mobile device to take the class, but to use the VR headset at home a camper will need access to an Android or Apple mobile device. Students will work in pairs or teams for most of the program. An additional $19 lab fee for the VR headset has been added to the cost for the class. **Instructor:** Black Rocket Productions, LLC

KT345 Jewelry Making with Polymer Clay and Beads Ages 10-13
001, 5 sessions; $325
Mon.-Fri.; July 29-August 2, 2019
Hours: 9:00 a.m. - 4:00 p.m.
This class with get you started learning how to use jewelry tools to make unique earrings, necklaces, bracelets or rings. Learn to wrap wire around stones with beads and attaching your own colorful drawings to make fun wearable art. Learn to work with bold polymer clay colors and metal wire to put together fun, stylish, earrings, bracelets or even a necklace to compliment your wardrobe. **Instructor:** Corrin Jacobsen Kovalcik

KT501 Physics of Creative Destruction Ages 10 – 14
 001, 5 sessions; $225
Mon.-Fri.; July 29-August 2, 2019
Hours: 1:00 p.m. - 4:00 p.m.
Use your knowledge of Physics to design and build an efficient bridge that holds the most weight. Spend the week building a bridge and test it at the end of the week. Participate in daily individual and collaborative domino runs, egg drops, egg walks and popsicle stick chain reactions. A fun hands-on introduction to forces, energy-transformations, momentum and Newton's Laws.
Instructor: Sarah Taylor

KT454 Virtual Reality Ages 11-14
001, 5 sessions; $244
Mon.-Fri.; July 29-August 2, 2019
Hours: 1:00 p.m. - 4:00 p.m.
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. 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 a mobile device. Students do not need a mobile device to take the class, but to use the VR headset at home a camper will need access to an Android or Apple mobile device. Students will work in pairs or teams for most of the program. An additional $19 lab fee for the VR headset has been added to the cost for the class. **Instructor:** Black Rocket Productions, LLC

KT312 Landscape Painting in Oil and Acrylic Ages 9 – 12
001, 5 sessions; $325
Mon.-Fri.; July 29-August 2, 2019
Hours: 9:00 a.m.-4:00 p.m.
Students will work with either oil or acrylic on canvas, gain an understanding of how to approach and interpret the complex world of landscape. Working from nature, drawings and photographs, learn how to use composition, perspective, tone, color, light and texture to gain desired effects. **Instructor:** Krystyna Stroinski

eSports Apprentice-YouTube Streamers and Gamers
KT528 Ages 11-14 Hours: 9:00a.m. -12:00p.m**.**
KT527 Ages 8-11 Hours: 1:00 – 4p.m.
001, 5 sessions; $225
Mon.-Fri.; July 29-August 2, 2019
Use your favorite game to learn the basics of modding and foundations of programming. Learn scripting and logic statements as you create your first mod! Introductory coding will also be taught through a simulated environment inspired by Minecraft. Student projects will be available on a Black Rocket website to share with friends and family. To access their project at home students must own a PC/MAC version of Minecraft. Tablet, phone, and game console version of Minecraft are not compatible. Students will work in teams for most of the program. Returning students can create more advanced projects that build on previous years**. Instructor:** Black Rocket Productions< LLC

CE174 Acting Workshop Ages 11-16
002, 5 sessions; $310
Mon.-Fri.; July 29-August 2, 2019
Hours: 9:00 a.m. - 4:00 p.m.
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! **Instructor:** The Garage Theatre Group

KT506 Junior Chef Around the World in 5 Days Ages 7-12
002, 5 sessions; $275
Mon.-Fri.; July 29-August 2, 2019
Hours: 9:00 am- 12:00 p.m.
During the camp the chef will pick a country of the day and make fun foods, drinks and snacks from that region and it's sure to be a hit! Recipe books will be distributed at the last class of what was made during the week so junior chefs can continue the fun at home (Kitchen health and safety practices will be taught during the first meeting, and practiced throughout.)
Campers must wear closed, non-slip shoes, baseball caps, and bring an apron. **Instructor:** Chef It Up

KT326 Product Engineering Grades 9 - 12
001, 4 sessions; $650
Mon.-Thu.; July 29-August 1, 2019
Hours: 8:30 a.m. - 3:30 p.m.
Our program gives participants exposure to engineering challenges to encourage campers ~~in~~ ~~math~~ and science careers. Participants ~~apply~~ the engineering design process ~~to design~~ challenges just like those faced ~~by~~ ~~engineers~~ as they design the next gen~~eration~~ of spacesuits and space vehicles. An open house and award ceremony is the highlight of the week. In addition to the engineering design challenges, campers will fly missions in our simulator. **Instructor & Location:** Buehler Challenger & Science Center

Registration Filled, Catch It Next Year

KT384 Intermediate Guitar Ages 12 - 16
001, 10 sessions; $350 (2 week course)
Mon.-Fri.; July 29-August 2, 2019
Mon.-Fri.; August 5-August 9, 2019
Hours: 9:00 a.m. – 12:00 p.m.
This intermediate course builds on the basics that a guitar player with some experience needs to hone. 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 bring their own guitars to class. **Instructor:** Perry Jones

KT291 Budding Artists' Studio Ages 8-11
001, 5 sessions; $175
Mon.-Fri.; July 29- August 2, 2019
Hours: 1:00 p.m. - 4:00 p.m.
Are you a budding artist whose talent is just waiting for the right moment to bloom? In this course we will experiment with the effects of design, color and drawing in a variety of mixed media. No prior experience necessary! You will learn to explore and apply the principles of design, harmony and balance as they relate to the world around you. The class includes sketching, cartooning, color theory , lettering, and using step-by-step and beginners' methods. Original expression will be encouraged. The main objective of the course is not necessarily to develop artists, but to develop each student's artistic judgment while exploring their own creative potential – all while having FUN, of course! **Instructor:** Mara Sloan

CE254 Sculpture for the 3D Artist Ages 12-16
001, 5 sessions; $325
Mon.-Fri.; July 29-August 2, 2019
Hours: 9:00 a.m. - 4:00 p.m.
We will be looking into the creative mind of artist and filmmaker Tim Burton, exploring his creatures through his movies such as *The Nightmare* You will create creatures and props from your own imagination. We will use plaster, wire form, fabric and whatever else we can find to make your creation come alive! We will create other amazing sculptures using clay and techniques to build your creative skills! **Instructor:** Teresa Sherry

KT311 Junior Chefs Movie Time Cooking Ages 7 - 12
001, 5 sessions; $275
Mon.-Fri.; July 29-August 2, 2019
Hours: 1:00 - 4:00 p.m.
Each day we will pick a movie theme to cook. Minion stuffed yellow pepper, Moana pizza with pineapple, Frozen cookies and much more! (Kitchen health and safety practices will be taught during the first meeting, and practiced throughout.) *Campers must wear closed, non-slip shoes, baseball caps, and bring an apron.* **Instructor:** Chef It Up

KT416 Introduction to Web Design Ages 13 - 16
001, 5 sessions; $225
Mon.-Fri.; July 29-August 2, 2019
Hours: 9:00 a.m. - 12:00 p.m.
Learn the essentials of HTML with an emphasis on writing good code. You will create basic and more advanced web pages and explore HTML 5 & 6 and cascading style sheets. Hands-on projects will allow students to create compelling, usable websites. The course will utilize free online tools. **Instructor**: Sarah Taylor

KT535 Junior Engineer's Club - Ages 7-9
003, 5 sessions; $385
KT536 Junior Engineer's Club - Ages 10-12
003, 5 sessions; $385
Mon.-Fri.; July 29 –August 2, 2019
Hours: 9:00 a.m.-4:00 p.m

Enjoy a full week of fun activities performing fun experiments and learning as we explore Biomes, Bridge Building, Water, Volcanoes, and Electricity &

Magnetism. Each day students will work together to create projects. Have fun learning to understand and solve problems, designing and building your own projects, imagine the future just like an Engineer! Discover new things like:

- Learn about different types of ecosystems, environments understand what makes them special. Discover what makes a biome and build your very own, take it home, care for it, and see it come to life.
- Explore the great bridges of the world understand how it all works and then design and build your own!
- Discover the properties of water and how it exists in many forms, Guest Experts provide important information on this precious resource and fun experiments with water.
- Understand how the Earth's crust changes and what magma is, then build your own volcano and see how it can erupt!
- Discover how magnets work, why they attract and repel, then build your own magnet and see how it works!
 Instructor: Joshua Farra and Gena Bauer

CE252 Intensive Reading and Writing Adventures Ages 11-14
001, 5 sessions; $150
Mon.-Fri.; July 29-August 2, 2019
Hours: 9:00 a.m. - 12:00 p.m.
Come practice word recognition skills and strategies; develop vocabulary, as well as comprehension by reading a variety of genres from literature to newspapers and more! Practice how to create cohesive paragraphs, essays, term papers, and more in a supportive environment. Engage in the complete writing process from brainstorming, revising, editing to publishing! **Instructor:** MaryAnn Kudlacik-Kawiecki

Python Programmers: Make Your Own Multiplayer Game!
Mon.-Fri.; July 29 – August 2, 2019
KT489 Ages 11-14 Hours: 9:00a.m. – 12:00p.m**.**
KT520   Ages 8 –11 Hours: 1:00p.m. – 4:00p.m.
002, 5 sessions; $225
Youtube, Google, Instagram and Spotify - what do they have in common? They were created with Python. Learn how to code with Python and create your first multi-player adventure game. Each lesson takes you step-by-step to start you on a programming path that will let you challenge friends with a fun game you built from start to finish! **Instructor:** Black Rocket Productions, LLC

To register, visit our registration page

Week 7 (August 5 – August 9)

KT321 A Week of Fun Activities Ages 7-12
007, 5 sessions; $320
Mon.-Fri.; August 5-August 9, 2019
Hours: 9:00 a.m.-4:00 p.m.
Crafty Creations: Come make a variety of crafts using all of those favorite materials, popsicle sticks, tissue paper, paint and more. A number of different creations will made during the week, which you will be able to take home! **Fiesta Fun: C**ome 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! **Popsicle Stick Creations:** Develop your designing and building skills! We will use wooden sticks to create baskets, vases and trays. Each project will be built from up to 500 popsicle sticks and glue. Making these useful 3D objects is a fun and gratifying hobby. **Paper Sculptures:** This class is designed to teach various sculpting techniques. You will create sculptures with different shapes and textures all by using colored paper! We will bend, fold, wrinkle and smash paper to create texture to complete a sculptural form. **Spa Day:** Come pamper yourself and learn how to create your own beauty products to take home, such as Kool Aid lip gloss, gelatin pore strips, oatmeal facial masks, and rosewater perfume to name a few. Learn some basic yoga poses to relax, and get together with your friends for manicures and pedicures. **Instructors:** Stephanie Mensch and Susan Mensch

App IO: Make Your First Multiplayer App!
KT480 Ages 8-11 Hours: 9:00 a.m. - 12:00 p.m
KT495 Ages 11-14 Hours: 1:00 p.m. - 4:00 p.m.
001, 5 sessions; $225
Mon.-Fri.; August 5-August 9, 2019
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 and share with family and friends! In this class you will explore the most popular .IO apps, design your own multiplayer experience, and learn how code your own. Students will work in pairs or teams for most of the program. **Instructor**: Black Rocket Productions, LLC

KT443 Architecture and Engineering Challenges Ages 7-12
003, 5 sessions; $220
Mon.-Fri.; August 5-August 9, 2019
Hours: 1:00 p.m. - 4:00 p.m.
Architecture and engineering are the focus of this program. You will work to design and build towers, balsa bridges and a wide array of Lego and K'nex™ architecture projects. Have fun building famous architectural designs from around the world including Adam Tucker Reed's famous brick structures including the Empire State Building, Imperial Hotel, Whitehouse, Flat Iron Building, Seattle Space Needle, and more. You will also build bridges, towers, and other structures using a variety of materials, and learn about structural engineering principles and forces that act on structures. Develop science, technology, engineering and mathematics skills in a fun, hands-on environment. **Instructor**: Super Science for Kids

KT505 Junior Chef Battle of the Week Ages 7 - 12
001, 5 sessions, $275
Mon.-Fri.; August 5—August 9, 2019
Hours: 9:00 p.m. - 12:00 p.m.
Each class will be a different themed battle such as cupcakes, food art, just desserts, etc. Then under the careful supervision and enthusiasm of a chef, we will break the campers into different teams and explain the rules for that battle. To add to the expense, we keep the ingredients a secret until they are ready to battle it out! They will have a certain time frame to complete their battle with their teammate. Fun will be had by all! **Instructor**: Chef It Up

KT507 Junior Chef What's For Dinner Ages 7-12
001, 5 sessions; $275
Mon.-Fri.; August 5 – August 9, 2019
Hours: 1:00 p.m. - 4:00 p.m.
In this fun filled cooking summer camp, each chef will prepare a complete dinner along with a dessert and drink each day and of course we make time to play some games and make friends while learning some fun cooking skills!! **Instructor:** Chef It Up

KT499 Circus Arts Ages 8-12
001, 5 sessions; $175
Mon.-Fri.; August 5-August 9, 2019
Hours: 9:00 a.m.-12:00 p.m. Come one. Come all. The circus is coming to town, so don't miss the fun. We will be exploring life under the big top by learning and practicing real circus tricks such as plates on a stick, juggling, feather balancing, stilt walking and using the Diablo. Students will create original posters to advertise their act and participate in a "Greatest Show on Earth" finale. **Instructor:** Kathy Neumann

KT415 JavaScript Ages 13 – 16
001, 5 sessions; $225
Mon.-Fri.; August 5-August 9, 2019
Hours: 9:00 a.m.-12:00 p.m.
JavaScript introduces students to one of leading web development languages. Students will learn basic programming by creating several games. Course will cover basic computer programming and introduces the concepts of variables, operators, arrays, conditional statements, loops and functions that form basis of more advanced languages. Emphasis will be on writing clear, organized code. The course will utilize free online tools. **Instructor:** Sarah Taylor

KT542 Culinary Cookies and Cupcakes Ages 12-17
001, 5 sessions; $275
Mon.-Fri.; August 5-August 9, 2019
Hours: 1:00 p.m.-4:00 p.m.
Camper Chefs will learn how to make various cookies and cupcakes during this one week culinary camp. Various recipes will be followed learning measurement and science along the way**.** (*Kitchen health and safety practices will be taught during the first meeting, and practiced throughout.)* **Instructor:** Bergen Community College Chef(s) Tomar Zilkah (Chef –Owner, Patisserie Florentine) and Aaron Morrissey (Sous Chef)
*Campers must wear closed, non- slip shoes, baseball caps, and bring an apron.

KT502 Roller Coaster and Marble Race Physics Ages 10 – 14
001, 5 sessions; $215
Mon.-Fri.; August 5-August 9, 2019
Hours: 1:00 p.m. - 4:00 p.m.
Create a roller coaster or marble run out of paper and cardboard. Use your knowledge of energy transformations, centripetal force, friction, and Newton's Laws to create a twisty, loopy, hilly, free-standing structure that you can take home. Each day we will explore the physics of motions in practical hands-on ways. **Instructor**: Sarah Taylor

KT318 I ♥ Writing Ages 8 - 12
002, 5 sessions; $150
Mon.-Fri.; August 5-August 9, 2019
Hours: 1:00 p.m. - 4:00 p.m.
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. **Instructor:** Lucine Kinoian

KT312 Landscape Painting in Oil and Acrylic Ages 9 – 12
002, 5 sessions; $325
Mon.-Fri.; August 5-August 9, 2019
Hours: 9:00 a.m.-4:00 p.m.
Students will work with either oil or acrylic on canvas, gain an understanding of how to approach and interpret the complex world of landscape. Working from nature, drawings and photographs, learn how to use composition, perspective, tone, color, light and texture to gain desired effects. **Instructor:** Krystyna Stroinski

KT291 Budding Artists' Studio Ages 8-11
001, 5 sessions; $175
Mon.-Fri.; August 5 – August 9, 2019
Hours: 1:00 p.m. - 4:00 p.m.

Are you a budding artist whose talent is just waiting for the right moment to bloom? In this course we will experiment with the effects of design, color and drawing in a variety of mixed media. No prior experience necessary! You will learn to explore and apply the principles of design, harmony and balance as they relate to the world around you. The class includes sketching, cartooning, color theory, lettering, and using step-by-step and beginners' methods. Original expression will be encouraged. The main objective of the course is not necessarily to develop artists, but to develop each student's artistic judgment while exploring their own creative potential – all while having FUN, of course! **Instructor:** Mara Sloan

KT540 Pasta Making Ages 12 - 17
002, 5 sessions; $275
Mon.-Fri.; August 5- August 9, 2019
Hours: 9:00 a.m.-12:00 p.m.
Camper Chefs will learn the art of making various types of pastas during this one week culinary camp. Chefs will learn the art and science behind combining specific recipe ingredients to make delicious pasta from scratch! Different shapes and different types of dough will be created. Chefs will learn the importance of measuring, rolling and all the other secrets to making the perfect pasta dish! (*Kitchen health and safety practices will be taught during the first meeting, and practiced throughout.)* **Instructor:** Bergen Community College Chef(s) Tomar Zilkah (Chef –Owner, Patisserie Florentine) and Aaron Morrissey (Sous Chef)
*Campers must wear closed, non- slip shoes, baseball caps, and bring an apron.

Junior Engineer's Club
KT535 004 Ages 7-9 Hours: 9:00 a.m.-4:00 p.m
KT536 004 Ages 10-12 Hours: 9:00 a.m.-4:00 p.m
5 sessions, $385
Mon.-Fri.; August 5 – August 9, 2019
Enjoy a full week of fun activities performing fun experiments and learning as we explore Biomes, Bridge Building, Water, Volcanoes, and Electricity & Magnetism. Each day students will work together to create projects. Have fun learning to understand and solve problems, designing and building your own projects, imagine the future just like an Engineer! Discover new things like:

- Learn about different types of ecosystems, environments understand what makes them special. Discover what makes a biome and build your very own, take it home, care for it, and see it come to life.
- Explore the great bridges of the world understand how it all works and then design and build your own!
- Discover the properties of water and how it exists in many forms, Guest Experts provide important information on this precious resource and fun experiments with water.
- Understand how the Earth's crust changes and what magma is, then build your own volcano and see how it can erupt!
- Discover how magnets work, why they attract and repel, then build your own magnet and see how it works!

Instructor: Joshua Farra and Gena Bauer

CE246 Young Entrepreneurs Advanced Ages 11-17
002, 5 sessions; $300
Mon.-Fri.; August 5-August 9, 2019
Hours: 9:00 a.m.-4:00 p.m.
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! **Instructor:** Rita Williams-Bogar

KT458 Scene Study Ages 13-16
001, 5 sessions; $300
Mon.-Fri.; August 5-August 9, 2019
Hours: 9:00 a.m.-4:00 p.m.
Scene study is instrumental for actors to get experience being directed. Students will perform a "scene" or segment of a play. They will be given notes and suggestions to improve the student's acting. Class will include acting exercises that help develop technique, including emotional connection and character development. Scene study is important to actors because it provides them with all the techniques and exercises they can harness to create an honest and dynamic performance.
Instructor: Garage Theatre Group

KT412 Junior Physicians - Discovering the Human Body Ages 7-12
002, 5 sessions; $220
Mon.-Fri.; August 5-August 9, 2019
Hours: 9:00 a.m. - 12:00 p.m.
Discover the anatomy of the world's most complicated system - the human body! In this program, kids will find out what it's like to journey through the human body. Explore the science behind blood, bones, how a model of the human body works, and more. Participants will test for blood types, make a map of their tongue, perform simulated heart and brain surgery, and more. **Instructor**: Super Science for Kids

Drone Adventures
KT529 Ages 8 – 11 Hours: 9:00a.m. – 12:00p.m.
KT530 Ages 11 – 14 Hours: 1:00 – 4:00p.m.
002, 5 sessions; $225
Mon.-Fri.; August 5-August 9, 2019
The Drones are here! Let the battles begin. In this hands on, interactive class you will learn how to fly and drive drone robots. Working in teams you will be able to code your drone to compete in missions that will prepare you for the ultimate team challenge at the end of the week. Students will work in pairs or teams for most of the program. **Instructor**: Black Rocket Productions, LLC

Adventures in Augmented Reality!
KT518 Ages 8-11 Hours 1:00–4:00 p.m.
KT519 Ages 11–14 Hours 9:00a.m.-12p.m.
002, 5 sessions, $225
Mon.-Fri.; August 5-August 9, 2019
Watch as holograms come to life in the first ever augmented reality for kids! Students will work in cutting-edge software to create holographic scenes that are viewable with a smart- phone and a magic futuristic cube. Student-created projects will be available on a password protected Black Rocket website to share with friends and family. Students will work in pairs or teams for most of the program*. There is an additional $19 lab fee for the magic cube and license.* **Instructor:** Black Rocket Productions, LLC

To register, visit our registration page

Week 8 (August 12 – August 16)

KT280 A Week at Hogwarts for the Advanced Harry Potter Fan Ages 10-12
002, 5 sessions; $320
Mon.-Fri.; August 12- August 16, 2019
Hours: 9:00 a.m. – 4:00 p.m.
Come hop aboard the Hogwarts Express to spend a week with Harry Potter and his friends. Imagine the adventures we will have as we are transported into a world filled with wizards, house elves, cauldrons, invisibility cloaks, floo networks, marauders maps, and the elusive golden snitch. You will not want to miss this week of whimsical enchantment! *This class is for those true Harry Potter fans who have already read the series.*
Instructor: Carly Neuschatz

Battle Royale: Make Your First Fortnite Style Video Game
KT532 Ages 11 - 14 Hours: 1:00p.m. – 4:00p.m.
KT531 Ages 8 – 11 Hours: 9:00a.m. – 12:00p.m.
002, 5 sessions; $225
Mon.-Fri.; August 12- August 16, 2019
Fans of Fortnite we need you! Instead of playing the game, design your own. Using a professional 3D game development software, build levels and assets inspired by popular Battle Royale games like Fortnite. This course includes cartoonish action and battle sequences. Student-created games will be available on a password protected Black Rocket website to share with friends and family. Students will work in pairs or teams for most of the program. **Instructor**: Black Rocket Productions, LLC

Code Breakers
KT335 Ages 8 - 11   Hours: 9:00a.m. – 12:00p.m**.**
KT336   Ages 11 – 14 Hours: 12:00p.m. – 4:00p.m.
001, 5 sessions; $225
Mon.-Fri.; August 12- August 16, 2019
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 , 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. Students will work in pairs or teams for most of the program. Returning students can create more advanced projects that build on previous years.
Instructor: Black Rocket Productions, LLC

Minecraft Modders
KT310 **Ages 11 - 14   Hours:** 9:00a.m. – 12:00p.m.
KT309 **Ages 8 – 11 Hours:** 1:00p.m. – 4:00p.m.
001, 5 sessions; $225
Mon.-Fri.; August 12- August 16, 2019
Use your favorite game to learn the basics of modding and foundations of programming. Learn scripting and logic statements as you create your first mods! Introductory coding will also be taught through a simulated environment inspired by Minecraft. Student 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 access their projects at home**. Table, phone and game console versions of Minecraft are not compatible. Students will work in pairs or teams for most of the program. Returning students can create more advanced projects that build on previous work.
Instructor: Black Rocket Productions, LLC

KT 517 Playwriting/Acting Workshop,   Ages 13 – 17
001, 5 sessions $400
Mon.-Fri.; August 12 – August 16, 2019
Hours: 9:00a.m. – 4:00p.m.
Students will create an original story with believable characters and dialogue by writing and revising an original five to ten-minute scene. This workshop will focus on:
- -Understanding and implementing of repetition, exposition, subtext and logic in creative writing.
- Understanding of how to format a theatre script.
- Making meaningful revisions based on criteria and feedback.
- Thinking critically and writing about relevant issues or topics.
- Understanding of and utilizing the elements of a plot in creating their plays.

In the afternoon, students will explore the many aspects of acting, including; improvisation, scene study, character development, monologue study and set design. **Instructor**: Michael Bias, Artistic Director, The Garage Theatre Group

KT503 Intro to TV Hosting and Anchoring Ages 11-15
001, 5 sessions; $450
Mon.-Fri.; August 12-August 16, 2019
Hours: 9:00 a.m. – 4:00 p.m.
This special program is designed to introduce young professionals to the world of TV Hosting and Anchoring. Students have the chance to focus on their area of interest in the news and entertainment world. They will research stories, write up their reports and deliver on-camera performances on exciting projects. Special projects include Talk Shows, Sports Announcing, Weather, Consumer Reports, Medical Reports, Field and Traffic Reporting and TV Hosting in Music, Entertainment, Cooking, Decorating and Home Shopping formats. Teams are developed and students will work as hosts, reporters, camera operators and directors by delivering under 'deadlines' just like the pros. (After camp, all footage is sent to a professional editor. Parents have the option to order for purchase a professionally edited USB as a keepsake.)
Instructor: Wickline Casting

To register, visit our registration page

SAT Prep

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, applicable math skills, concept building, deductive reasoning, practice testing, logical thinking. ***Required text:*** *College Board – The Official SAT Study Guide (2018 Edition) (Includes 8 Real SATs).* **Please purchase textbook before the first day of class.**

SD 017 SAT Essay High School Students
001, 4 sessions; $165
Mon.-Thurs.; July 8-July 11, 2019
Hours: 1:00 p.m. - 4:00 p.m.
Instructor: Melissa Iannacone

SD 661 AM SAT Verbal High School
Students 001, 4 sessions; $220
Mon-Thurs., August 12 – August 15, 2019
Hours: 8:00 a.m. - 12:00 p.m.
Instructor: Patrick Bouchard

SD 662 PM SAT Math High School Students
001, 4 sessions; $220
Mon-Thurs. August 12 – August 15, 2019
Hours: 12:30 p.m. - 4:30 p.m.
Instructor: Patrick Bouchard

SD 661 PM SAT Verbal High School Students
002, 4 sessions; $220
Mon-Fri., July 15 - 19, 2019
Hours: 12:30 p.m. - 4:30 p.m.
Instructor: Patrick Bouchard

SD 662 AM SAT Math High School Students
002, 5 sessions; $220
Mon-Thurs., July 15 - 19, 2019
Hours: 8:00 a.m. - 12:00 p.m.
Instructor: Patrick Bouchard

To register, visit our registration page.

Lunch Menus

Choose Menu A, B, C, D, E or F for each week based on your child's age and preference.

Weekly Kids Menu (ages 7 – 12) 5 days: $32.00, 4 days $26

Menu A
Monday: Italian combo sandwich on a roll
Tuesday: Bologna sandwich on a roll
Wednesday: Turkey and cheese sandwich in a wrap
Thursday: Ham and cheese sandwich on a roll *Friday:* Pizza

Menu B
Monday: Turkey and cheese sandwich on a roll *Tuesday:* Tuna salad sandwich in a wrap
Wednesday: Italian combo sandwich on a roll *Thursday*: Chicken salad sandwich in a wrap *Friday*: Pizza

Menu E Vegetarian
Monday through Thursday will feature a vegetarian sandwich or salad.
Friday: Pizza

Each lunch includes:
- a package of cookies or a piece of fruit
- milk, chocolate milk, apple or orange Sun Cups

Weekly Teens Menu (ages 13 and up) 5 days $37.00, 4 days $30.00, 2 days $15.00

Menu C
Monday: Italian combo sandwich on a roll
Tuesday: Chicken salad sandwich on a roll
Wednesday: Turkey and cheese sandwich in a wrap
Thursday: Ham and cheese sandwich on a roll *Friday*: Pizza

Menu D
Monday: Turkey and cheese sandwich on a roll *Tuesday*: Chicken salad on lettuce
Wednesday: Italian combo sandwich on a roll *Thursday*: Roast beef sandwich in a wrap
Friday: Pizza

Menu F Vegetarian
Monday through Thursday will feature a vegetarian sandwich or salad.
Friday: Pizza.

Each lunch includes:
- a package of cookies or a piece of fruit
- milk, chocolate milk, apple or orange Sun Cups

To register, visit our registration page.

Middle School/High School Program

Our High School Program follows the core curriculum of NJ Standards for Education. All of our teachers currently teach the subject at a local public high school.

Remedial Courses (Tuition: $445)
Algebra I and II
Biology
Chemistry
English 9,10,11 and 12
Geometry
Physics
Pre-calculus
US History I and II
World History
Middle School Remedial Algebra

Enrichment (Tuition: $285)
Algebra Readiness
(for students entering 9th grade)

Pre-Algebra (for Middle School-Review)
Grades 6 & 7

Strategic Reading and Writing
(for students entering 9th grade)

New Work for Credit (Tuition: $1135)
Algebra I and II
Biology
Chemistry
English
Financial Literacy ($695)
Geometry
Honors Algebra II
Honors Geometry
Physical Education
Physics
Pre-Calculus
US History I and II
World History

For a full schedule and to register, visit our Middle/High School Program at
https://ce.bergen.edu/ce/kids-and-teens-program/summer-high-school/