

### 2018

To register, Visit our registration page.

# **Table of Contents**

	Page
Before Care	1
After Care	2
Lunch	3
<b>Week 1</b> (June 25 – June 29)	4
KT496 001 Animal Kingdom Motorized Build Ages 7-10	4
KT484 001 Mission 2 Space Motorized Build Ages 7-10	4
KT412 001 Junior Physicians - Discovering the Human Body Ages 7-12	4
KT321 001 A Week of Fun Activities Ages 7-12	4
KT493 001 ROBOLOX® Makers-Coders-Entrepreneurs Ages 8-11	4
CE267 001 Make Your First 3D Video Game Ages 8-11	4
KT456 001 Acting for the Camera Ages 8 – 15	4
KT396 001 Clay Sculptures Ages 8–12	5
CE049 001 City Art! Ages 9-13	5
KT317 001 Living and Working in Space Grades 5 & 6	5
KT494 001 ROBOLOX® Makers-Coders-Entrepreneurs Ages 11-14	5
CE268 001 Make Your First 3D Video Game Ages 11-14	5
KT301 001 Beginner's Guitar Ages 12-16 (2 week class)	5
KT208 001 Mock Trial Ages 13-15	5
Week 2 (July 2 - July 6)	6
CE155 001 Lego Education WeDo! Ages 7-9	6
CE881 001 Mathemania Ages 7-9	6
KT362 001 Arts & Crafts Ages 7-12	6
KT321 002 A Week of Fun Activities Ages 7-12	6
KT445 001 Super Science STEM Challenges Ages 7-12	6
KT512 001 Delicioso!	7
CE064 001 Make Your First Video Game Ages 8-11	7
KT339 001 Creative Designs and Robotics Ages 8-11	7

CE055 001 Community Art Ages 8-11	7
CE254 001 Sculpture for the 3D Artist! Ages 8-11	7
KT511 001 Young Journalists Ages 9-11	7
KT510 001 The Evolution of TV and Film Ages 10-13	7
KT444 001 Introduction to LEGO and VEX IQ Robotics Ages 10–14	8
CE270 001 Astronaut Rookies Grades 3 & 4	8
KT449 001 Video Game Animation Ages 11-14	8
KT490 001 Advanced Robotics Ages 11-14	8
CE174 001 Acting Workshop Ages 11-16	8
Week 3 (July 9 - July 13)	9
KT485 001 Engineering Adventures Motorized Build Ages 7–10	9
KT486 001 Robotic Transformation Creation Motorized Build Ages 7-10	9
KT280 001 A Week at Hogwarts for the Beginner Fan Ages 7-10	9
KT351 001 LASR Academy Camp Grades 7-10	9
KT414 001 Chemical Wizardry Ages 7-12	9
KT414 002 Chemical Wizardry Ages 7-12 (Section 2)	9
KT383 001 Get Your Glam On Ages 7-12	9
KT411 001 CSI Science Ages 7-12	9
KT321 003 A Week of Fun Activities Ages 7-12	10
KT273 001 Junior Engineers' Club Ages 7-9	10
KT273 002 Junior Engineers' Club Ages 10-12	10
KT335 001 Code Breakers Ages 8-11	10
CE271 001 Is There Life in the Universe? Grades 5 & 6	10
KT341 001 Minecraft Designers Ages 8-11	10
KT291 001 Budding Artists' Studio Ages 8-12	10
KT318 001 I ♥ Writing Ages 8-12	10
KT500 001 Dance Your Heart Out Ages 9 – 12	11
CE881 002 Mathemania Ages 10-12	11
CE240 001 Drawing-Thinking Like Da Vinci Ages 10-12	11
KT345 001 Jewelry Making with Colorful Polymer Clay Ages 10-13	11
KT489 001 Python Programmers: Make Your Own Multiplayer Game! Ages 11-14	11
CE252 001 Intensive Reading and Writing Seminar Ages 11-14	11
KT342 001 Minecraft Designers Ages 11-14	12
KT319 001 I ♥ Writing Ages 12–15	12
KT352 001 Piece of Cake! Ages 12–15	12
KT301 002 Beginner's Guitar Ages 12-16 (2 week class)	12
CE255 001 Sculpture for the 3D Artist! Ages 12-16	12
CE150 001 Debate Club Ages 13-15	13
KT426 001 Photoshop: Graphic Designer Concepts Ages 13-16	13
KT479 001 HACKed – Hungry Aspiring Chefs in the Kitchen Ages 13-17 (3 week class)	13
Week 4 (July 16 - July 20)	14
KT487 001 World of Science Motorized Build Ages 7-10	14

KT321 004 A Week of Fun Activities Ages 7-12	14
KT443 002 Architecture and Engineering Challenges Ages 7-12	14
KT447 001 Battle-Bots and Robotic Fun Ages 7-12	14
KT445 002 Super Science STEM Challenges Ages 7-12	14
KT508 001 Junior Chef Battle of the Week Ages 7-10	14
KT385 001 Shark Tank Ages 8-10	15
KT491 001 Advanced 3D Video Game with Unity Ages 8-11	15
KT286 001 App Attack! Make Your First Game App Ages 8-11	15
KT457 001 Intro to Film and TV Ages 8-15	15
KT471 001 Soccer Camp Ages 8-16	15
KT509 001 Junior Chef Battle of the Week Ages 10-13	15
KT400 001 Junior Authors Ages 10-14	15
KT351 002 LASR Academy Camp Ages 11-13	15
KT287 001 App Attack! Make Your First Game App Ages 11-14	16
CE252 002 Intensive Reading and Writing Seminar Ages 11-14	16
KT492 001 Advanced 3D Video Game with Unity Ages 11-14	16
KT359 001 Painting Styles Ages 11-14	16
CE246 001 Young Entrepreneurs Ages 11-15	16
KT364 001 Making Jewelry with Resin Ages 12-16	16
CE259 001 Digital SLR Basic Photography Ages 13-16	16
KT325 001 Preparing for Flight Grades 7 & 8	16
Week 5 (July 23 – July 27)	18
KT483 001 Jurassic Survival Motorized Build Ages 7–10	18
KT498 001 Crafty Yoga Ages 7 – 10	18
KT414 003 Chemical Wizardry Ages 7-12	18
KT413 001 Super Science Make & Take Ages 7-12	18
KT321 005 A Week of Fun Activities Ages 7-12	18
KT507 001 Junior Chef What's For Lunch Ages 7-12	18
KT506 001 Junior Chef Foods Around the World Ages 7-12	18
KT448 001 Video Game Animation Ages 8-11	19
KT504 001 Drone Adventures Ages 8-11	19
KT358 001 Beginning Sewing Ages 9-12	19
KT280 002 A Week at Hogwarts for the Advanced Harry Potter Fan Ages 10-12	19
CE264 001 Lego Education WeDo! Ages 10-12	19
KT497 001 Portrait Painting Ages 10-13	19
KT444 002 Introduction to LEGO and VEX IQ Robotics Ages 10–14	20
KT417 001 Snare Drum Ages 10-14	20
KT399 001 Exploring Improv Ages 10-16	20
KT324 001 Rocket Girls Grades 5 - 8	20
KT386 002 Shark Tank Ages 11-13	20
CE164 001 Digital Photo Editing Ages 11-13	20
KT351 003 LASR Academy Camp Ages 11-13	20

KT505 001 Drone Adventures Ages 11-14	20
KT449 001 Video Game Animation Ages 11-14	20
CE057 001 Notes! Ages 11-14	20
CE084 001 Model United Nations Ages 13-16	21
Week 6 (July 30 - August 3)	22
CE900 001 Lego Pirates and Star Wars Ages 7-10	22
KT321 006 A Week of Fun Activities Ages 7-12	22
KT488 001 Oceanography Ages 7-12	22
KT447 002 Battle-Bots and Robotic Fun Ages 7-12	22
KT320 001 K'Nex Amusement Park Ages 8-11	22
KT453 001 Virtual Reality Ages 8-11	22
KT309 002 Minecraft Modders App Ages 8-11	22
KT312 001 Landscape Painting in Oil and Acrylic Ages 9–12	23
KT501 001 Physics of Creative Destruction Ages 10 – 14	23
KT454 001 Virtual Reality Ages 11-14	23
KT310 001 Minecraft Modders Ages 11-14	23
KT360 001 Art of Printmaking Ages 11-16	23
KT353 001 Baking BCC: Breads, Cookies & Cupcakes Ages 12–15	23
KT326 001 Product Engineering Grades 9-12	24
KT354 001 Junior Pastry Chefs Ages 12-15	24
CE174 002 Acting Workshop Ages 11-16	24
KT365 001 3D Figure Sculpting Ages 12-16	24
KT408 001 Intermediate Sewing Ages 12-16	24
KT384 001 Intermediate Guitar Ages 12–16 (2 week class)	24
KT416 001 Introduction to Web Design Using HTML Ages 13–16	24
Week 7 (August 6 - 10)	25
KT273 003 Junior Engineer's Club Ages 7-9	25
KT273 004 Junior Engineer's Club Ages 10-12	25
KT412 002 Junior Physicians - Discovering the Human Body Ages 7-12	25
KT321 007 A Week of Fun Activities Ages 7-12	25
KT443 002 Architecture and Engineering Challenges Ages 7-12	25
KT420 001 Edible History Young Historians Ages 8-11	25
KT480 001 App IO: Make Your First Multiplayer App Ages 8-11	25
KT433 001 Star Wars Stop Action! Ages 8-11	26
KT318 002 I ♥ Writing Ages 8-12	26
KT499 001 Circus Arts Ages 8 – 12	26
KT280 003 A Week at Hogwarts for the Advanced Harry Potter Fan Ages 10-12	26
KT502 001 Roller Coaster and Marble Race Physics Ages 10 – 14	26
KT503 001 Intro to TV Hosting and Anchoring Ages 11 – 15	26
CE246 002 Young Entrepreneurs Ages 11-15	26
KT454 002 Virtual Reality Ages 11-14	26
KT495 001 App IO: Make Your First Multiplayer App Ages 11-14	27

CE246 002 Young Entrepreneurs Ages 11-15	27
KT421 001 Edible History Intermediate Historians Ages 12-16	27
KT465 001 3D Computer Animation: Character Animation Ages 13-16	27
KT415 001 JavaScript Ages 13–16	28
KT458 001 Scene Study Ages 13-16	28
KT465 001 Computer Animation Ages 13-16	28
Fun Fridays	
Week 1 (June 30)	29
KT404 001 Create Fun Stuffed Animals Ages 7–12	29
KT468 001 Cork Board Designs Ages 7-12	29
Week 2 (July 6)	29
KT402 001 Dream Catchers Ages 7–12	29
KT316 001 Popsicle Stick Creations Ages 7–12	29
CE262 001 Crafty Creations Ages 7-12	29
Week 3 (July 13)	30
KT403 001 Board Games 7–12	30
KT397 001 Create Your Own Greeting Cards Ages 7 -12	30
Week 4 (July 20)	30
CE807 001 Babysitter Training Ages 11-16	30
KT398 001 Scrapbooking Ages 7-12	30
KT406 001 Hawaiian Luau Day Ages 7–12	30
Week 5 (July 27)	31
KT322 001 Summer Desserts Ages 7-12	31
CE091 001 I want to be a Teacher! Ages 7-12	31
Week 6 (August 3)	31
CE807 002 Babysitter Training Ages 11-16	31
CE191 001 Spa Day! Ages 7-12	31
KT469 001 Colorful Sand Art Ages 7-12	31
KT470 001 Perler Bead Creations Ages 7-12	31
SAT Prep	32
SD017 001 SAT Essay	32
SD661 001 SAT Verbal	32
SD661 002 SAT Verbal	32
SD662 001 SAT Math	32
SD662 002 SAT Math	32
Lunch Menus	33

# 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.

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

### To register, Visit our registration page.

Summer Programs will run from **June 25**<sup>th</sup> through **August 10**<sup>th</sup> 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 please bring a peanut-free, bagged lunch with an extra water bottle. For half day programs, please bring peanut-free snack and drink if staying for lunch.

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 25-June 29, 2018

Hours: 7:30 - 9:00 a.m.

#### CE 160 Before Care Ages 7-15

5 sessions; \$65

003, Mon.-Fri.; July 9-July 13, 2018

Hours: 7:30 – 9:00 a.m.

#### CE 160 Before Care Ages 7-15

5 sessions; \$65

**005**, Mon.-Fri.; July 23-July 27, 2018

Hours: 7:30 - 9:00 a.m.

#### CE 160 Before Care Ages 7-15

5 sessions; \$65

007, Mon.-Fri.; August 6-August 10, 2018

Hours: 7:30 – 9:00 a.m.

#### CE 160 Before Care Ages 7-15

4 sessions; \$52

**002**, Mon.-Fri.; July 2-July 6, 2018 (no class 7/4)

Hours: 7:30 – 9:00 a.m.

#### CE 160 Before Care Ages 7-15

5 sessions; \$65

**004**, Mon.-Fri.; July 16-July 29, 2018

Hours: 7:30 – 9:00 a.m.

#### CE 160 Before Care Ages 7-15

5 sessions; \$65

006, Mon.-Fri.; July 30-August 3, 2018

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 25-June 29, 2018 Hours: 4 - 6 p.m.

#### CE 161 After Care Ages 7-15

5 sessions; \$80 **003**, Mon.-Fri.; July 9-July 13, 2018 Hours: 4 - 6 p.m.

#### CE 161 After Care Ages 7-15

5 sessions; \$80 **005**, Mon.-Fri.; July 23-July 27, 2018 Hours: 4 - 6 p.m.

#### CE 161 After Care Ages 7-15

5 sessions; \$80 **007**, Mon.-Fri.; August 6-August 10, 2018 Hours: 4 - 6 p.m.

#### CE 161 After Care Ages 7-15

4 sessions; \$64 **002**, Mon.-Fri.; July 2-July 6, 2018 (no camp 7/4) Hours: 4 - 6 p.m.

#### CE 161 After Care Ages 7-15

5 sessions; \$80 **004**, Mon.-Fri.; July 16-July 20, 2018 Hours: 4 - 6 p.m.

#### CE 161 After Care Ages 7-15

5 sessions; \$80 **006**, Mon.-Fri.; July 30-August 3, 2018 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 29.

#### **CE 094 Lunch Session**

**001,** 5 sessions

Mon.-Fri., June 25-June 30, 2018

Hours: 12:00 - 1:00 p.m.

#### **CE 094 Lunch Session**

**002,** 4 sessions

Mon.-Fri., July 2-July 5, 2018 (No class 7/4)

Hours: 12:00 - 1:00 p.m.

#### **CE 094 Lunch Session**

**003**, 5 sessions

Mon.-Fri., July 9-July 13, 2018

Hours: 12:00 - 1:00 p.m.

#### **CE 094 Lunch Session**

**004,** 5 sessions

Mon.-Fri., July 16-July 20, 2018

Hours: 12:00 - 1:00 p.m.

#### **CE 094 Lunch Session**

**005,** 5 sessions

Mon.-Fri., July 23-July 27, 2018

Hours: 12:00 - 1:00 p.m.

#### **CE 094 Lunch Session**

**006,** 5 sessions

Mon.-Fri., July 30 – August 3, 2018

Hours: 12:00 - 1:00 p.m.

#### **CE 094 Lunch Session**

**007,** 5 sessions

Mon.-Fri., August 6 – August 10, 2018

Hours: 12:00 - 1:00 p.m.

# Program Offerings

# Week 1 (June 25 - June 29)

### NEW

#### KT496 Animal Kingdom Motorized Build Ages 7-10

**001,** 5 sessions; \$210

Mon.-Fri.; June 25-June 29, 2018 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 week 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; \$300

Mon.-Fri.; June 25-June 29, 2018 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 complete with beads and feathers. And have sweet dreams always! 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

#### CE267 Make Your First 3D Video Game Ages 8-11

**001,** 5 sessions; \$215

Mon.-Fri.; June 25-June 29, 2018 Hours: 9:00 a.m. - 12:00 p.m.

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

#### NEW

#### KT484 Mission 2 Space Motorized Build Ages 7-10

**001,** 5 sessions; \$210

Mon.-Fri.; June 25-June 29, 2018 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; \$210

Mon.-Fri.; June 25-June 29, 2018 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

#### NEW

#### KT493 ROBLOX® Makers-Coders-Entrepreneurs! Ages 8-11

**001**, 5 sessions; \$215

Mon.-Fri.; June 25-June 29, 2018

Hours: 1:00 - 4:00 pm

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

#### KT456 Acting for the Camera Ages 8 - 15

001, 5 sessions; \$450

Mon.-Fri.; June 25-June 29, 2018

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

#### KT396 Clay Sculptures Ages 8-12

**001,** 5 sessions; \$300

Mon.-Fri.; June 25-June 29, 2018 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; \$325

Mon.-Fri.; June 25-June 29, 2018 Hours: 9:00 a.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

### NEW

#### KT494 ROBLOX® Makers-Coders-Entrepreneurs! Ages 11-14

**001**, 5 sessions; \$215

Mon.-Fri.; June 25-June 29, 2018 Hours: 9:00 a.m. – 12:00 pm

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

#### KT317 Living and Working in Space Grades 5 & 6

**001,** 5 sessions; \$580

Mon.-Fri.; June 25-June 29, 2018 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

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 adlibbing (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

#### CE268 Make Your First 3D Video Game Ages 11-14

001, 5 sessions; \$215

Mon.-Fri.; June 25-June 29, 2018 Hours: 1:00 p.m. - 4:00 p.m.

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

#### KT301 Beginner's Guitar Ages 12 - 16

**001,** 9 sessions; \$250 (2 week class) Mon.-Fri.; June 25-June 29, 2018

Mon.-Fri.; July 2-July 6, 2018 (no class July 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 13-15

**001,** 5 sessions; \$250

Mon.-Fri.; June 25-June 29, 2018 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

To register, Visit our registration page.

# Week 2 (July 2 - July 6)

#### CE881 Mathemania Ages 7-9

001, 4 sessions; \$120

Mon.-Fri.; July 2-July 6, 2018 (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 Suduko 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; \$165

Mon.-Fri.; July 2-July 6, 2018 (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; \$170

Mon.-Fri.; July 2-July 6, 2018 (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; \$175

Mon.-Fri.; July 2-July 6, 2018 (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



#### Cancelled

#### KT321 A Week of Fun Activities Ages 7-12

002, 4 sessions; \$240

Mon.-Fri.; July 2-July 6, 2018 (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

**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. **Instructors:** Gul Khan, Julia Amaya, Stephanie Mensch

#### KT362 Arts & Crafts Ages 7-12

**001,** 4 sessions; \$160

Mon.-Fri.; July 2-July 6, 2018 (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

### NEW

# KT512 Delicioso! Ages 7 – 12 001, 4 sessions; \$200

Mon.-Fri.; July 2-July 6, 2018 (no class July 4)

Hours: 1:00 p.m. - 4:00 p.m.

Come join us as we embark on a culinary experience of Latin American foods from countries like Mexico, Espana, Puerto Rico and others. Learn about spices while you cook tasty dishes like empanadas, tacos, burritos, tortilla espanola and more. During class you will also put together a recipe book that includes all the recipes made! Please note: some recipes might require using nuts, or products processed in a facility that handles them. **Instructor**: Julia Amaya

#### CE255 Sculpture for the 3D Artist! Ages 8-11

001, 4 sessions; \$160

Mon.-Fri.; July 2-July 6, 2018 (no class July 4)



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

### NEW

#### KT511 Young Journalists Ages 9-11

**001,** 5 sessions; \$120

Mon.-Fri.; July 2-July 6, 2018 (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: Nicholas Caporusso

### NEW

#### KT510 The Evolution of TV and Film Ages 10-13

**001,** 5 sessions; \$120

Mon.-Fri.; July 2-July 6, 2018 (no class July 4)

Hours: 1:00 p.m. - 4:00 p.m.

Do you love movies and television? We will go back in time to cover the classics. This class will analyze the movies and television shows of previous generations. We will watch and discuss important entertainment that has had an impact on today's millenials and see the changes through the years. A decade by decade exploration of entertainment through time. **Instructor:** Nicholas Caporusso

#### CE055 Community Art Ages 8-11

**001,** 4 sessions; \$160

Mon.-Fri.; July 2-July 6, 2018 (no class July 4)

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

#### KT339 Creative Designs and Robotics Ages 8-11

**001,** 4 sessions; \$170

Mon.-Fri.; July 2-July 6, 2018 (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 problemsolving 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,

#### CE270 Astronaut Rookies Grades 3 & 4

001, 2 sessions; \$240

Thur.-Fri.; July 5-July 6, 2018 (no class July 2, 3 or 4)

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

### Filled - Closed to new registrations

KT444 Introduction to LEGO and VEX IQ Robotics Ages 10 – 14

**001,** 4 sessions; \$160

Mon.-Fri.; July 2-July 6, 2018 (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

### NEW

#### KT490 Advanced Robotics Ages 11-14

**001,** 4 sessions; \$170

Mon.-Fri.; July 2-July 6, 2018 (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

#### KT 449 Video Game Animation Ages 11-14

**001**, 4 sessions; \$170

Mon.-Fri.; July 2-July 6, 2018 (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

#### E174 Acting Workshop Ages 11-16

**001,** 4 sessions; \$240

Mon.-Fri.; July 2-July 6, 2018 (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: The Garage Theatre Group

To register, Visit our registration page.

# Week 3 (July 9 - July 13)

### NEW

#### KT485 Engineering Adventures Motorized Build Ages 7–10

**001,** 5 sessions; \$210 Mon.-Fri.; July 9-July 13, 2018 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

#### NEW

#### KT486 Robotic Transformation Creation Motorized Build Ages 7-10

**001,** 5 sessions; \$210 Mon.-Fri.; July 9-July 13, 2018 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 9-July 13, 2018 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 bedazzling candles. Make your own lip gloss and bath products and learn how to



create braids and other trendy hair styles. **Instructor**: Stephanie Mensch

# KT280 A Week at Hogwarts for the Beginner Harry Potter Fan Ages 7-10

**001,** 5 sessions; \$300

Mon.-Fri.; July 9-July 13, 2018 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

#### KT 351 LASR Academy Camp Ages 7-10

**001,** 5 Sessions, \$350.00 Mon-Fri. July 9 – July 13, 2018 Hours: 9:00 a.m. – 4:00 p.m.

Join us for a great hands-on discovery adventure and learn the science behind the robotics that are quickly becoming a part of our daily lives! Unmanned autonomous systems are high tech, intelligent machines capable of traveling by land, air or sea without a human crew on board. Thanks to Unmanned Autonomous Systems, UAS machines are now able to go where humans can't, they can monitor dangerous environments, drop life rafts and even help with emergency situations. Students work in a teams on a variety of robotic basic challenges, students learn the STEM principles behind the field challenges. Join this program and practice hands-on problem solving activities with UAS and land based robotics. Instructor: Rick Flynn

#### KT414 Chemical Wizardry Ages 7-12

**001,** 5 sessions; \$210 **002,** 5 sessions; \$210

Mon.-Fri.; July 9-July 13, 2018 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

#### KT321 A Week of Fun Activities Ages 7-12

**003,** 5 sessions; \$300

Mon.-Fri.; July 9-July 13, 2018 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: Julia Amaya, Gul Khan, Kathleen Neumann and Susan Mensch

#### KT341 Minecraft Designers Ages 8-11

**001,** 5 sessions; \$215

Mon.-Fri.; July 9-July 13, 2018 Hours: 9:00 a.m. - 12:00 p.m.

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

KT411 CSI Science Ages 7-12

**001,** 5 sessions; \$210 **002,** 5 sessions; \$210

Mon.-Fri.; July 9-July 13, 2018 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

CE273 Junior Engineer's Club Ages 7-9

**001,** 5 sessions; \$300

CE273 Junior Engineer's Club Ages 10-12

**002,** 5 sessions; \$300

Mon.-Fri.; July 9-July 13, 2018 Hours: 9:00 a.m.-4:00 p.m.

Enjoy a full week of fun and learning as we explore Bridge Building, Biomes, Water, Volcanoes, and Rollercoasters. Each day students will work together to create fun projects.

Bridge Building: Learn about bridges, explore the great bridges of the world and develop an understanding on how it all works. Have fun building your own bridge and experiment to see how much weight it can hold! Magnets!: A compass allows us to observe the direction of a magnetic field; compass needles are just little magnets that are free to rotate. Why do magnets sometimes stick together and sometimes run away from each other? How can magnets create electricity? Join us for this adventure filled camp where you will learn about magnets with fun hands on experiments. Biomes: Major biomes include deserts, forests, grasslands, tundra, and several types of aquatic environments. Learn about what makes a biome and build your very own, take it home, care for it, and see it come to life. Water: Discover the properties of water and how it exists in many forms. Perform fun experiments and learn

about the many states of matter and other interesting facts. **Volcanoes:** Design and build a volcano creating a place where the magma will reach the surface and



become flowing lava. Discover how long it will take for the chemicals to mix and react, and what the reaction will be. **Instructors:** Sue Maccaro & Barbara Condon

#### KT318 I ♥ Writing Ages 8 - 12

**001**, 5 sessions; \$150

Mon.-Fri.; July 9-July 13, 2018 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 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:** Sharon Skibitski

### NEW

#### KT500 Dance Your Heart Out Ages 9-12

**001,** 5 sessions; \$150

Mon.-Fri.; July 9-July 13, 2018 Hours: 1:00 p.m. - 4:00 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 9-July 13, 2018 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 Suduko puzzles, and investigate patterns in math. See how simple strategies can help with basic facts and word problems. **Instructor:** Laura Hammerele

#### CE271 Is There Life in the Universe? Grades 5 & 6

**001,** 5 sessions; \$580 Mon.-Fri.; July 9-July 13, 2018

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

### Filled - Closed to new registrations

#### KT335 Code Breakers Ages 8-11

**001,** 5 sessions; \$215

Mon.-Fri.; July 9-July 13, 2018

Hours: 1:00 - 4:00 p.m.

Calling all future coders, programmers, & designers! Learn the basics of coding languages like HTML5, 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 the next Mark Zuckerberg or the 15 year old high school student who just made 1 million dollars for programming in his bedroom, this course has the essentials you need to begin your journey. Student projects will be available on a Black Rocket website to share with friends and family. Students will work in teams for most of the program. Instructor: Black Rocket Productions, LLC

#### KT291 Budding Artists' Studio Ages 8-11

**001,** 5 sessions; \$175

Mon.-Fri.; July 9-July 13, 2018 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

#### CE240 Drawing-Thinking Like Da Vinci Ages 10-12

**001,** 5 sessions; \$325

Mon.-Fri.; July 9-July 13, 2018 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

#### CE252 Intensive Reading and Writing Seminar Ages 11-14

**001,** 5 sessions; \$150

Mon.-Fri.; July 9-July 13, 2018 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

#### KT342 Minecraft Designers Ages 11-14

**001,** 5 sessions; \$215

Mon.-Fri.; July 9-July 13, 2018 Hours: 1:00 - 4:00 p.m.

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.

Filled - Closed to new registrations

KT352 Piece of Cake! Ages 12 - 15

Instructor: Black Rocket Productions, LLC

001, 5 sessions; \$350

Mon.-Fri.; July 9-July 13, 2018 Hours: 9:00 am – 4:00 pm

Campers will learn the art and science behind combining specific recipe ingredients to make delicious cakes from scratch! They will practice some math and engineering as well, as they mix and measure, and assemble and decorate their cake creations. Campers will bring home samples for others to enjoy, so "let them eat cake!" (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: Derrick Gagner

#### CE254 Sculpture for the 3D Artist Ages 12-16

**001,** 5 sessions; \$325 Mon.-Fri.; July 9-July 13, 2018 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 Before Christmas*. 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

papers, and more in a supportive environment. Engage in the complete writing process from brainstorming, revising, editing to publishing! **Instructor:** MaryAnn Kudlacik-Kawiecki

### NEW

# KT489 Python Programmers: Make Your Own Multiplayer Game! Ages 11-14

001, 5 sessions; \$215

Mon.-Fri.; July 9-July 13, 2018 Hours: 9:00 a.m. - 12:00 p.m.

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
KT319 I ♥ Writing Ages 12 - 15

**001**, 5 sessions; \$150

Mon.-Fri.; July 9-July 13, 2018 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:** Sharon Skibitski

#### KT301 Beginner's Guitar Ages 12 - 16

**002,** 10 sessions; \$275 (2 week class) Mon.-Fri.; July 9-July 13, 2018

Mon.-Fri.; July 16-July 20, 2018 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; \$250

Mon.-Fri.; July 9-July 13, 2018 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

### Filled - Closed to new registrations

KT426 Photoshop: Graphic Designer Concepts Ages 13 – 16

**001,** 5 sessions; \$300

Mon.-Fri.; July 9-July 13, 2018 Hours: 9:00 a.m. - 4:00 p.m.

From book covers and video game advertisements, to movie

posters and CD covers, all these designs start with a create 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,



enhancement, and compositing. Learn how to design posters, postcards, stickers, and song/book covers! Basic computer mouse skills are required. **Instructor:** Corrin Jacobsen Kovalcik

# KT479 HACKed – Hungry Aspiring Chefs in the Kitchen Ages 13-17

**001,** 15 sessions; \$550 – 3 Week Class (Monday – Thursday)

Mon.-Thur.; July 9-July 12, 2018 Mon.-Thur.; July 16-July 19, 2018 Mon.-Thur.; July 23-July 26, 2018 Hours: 1:00 p.m. - 4:00 p.m.

Join Chef Ronda Drake and the Hospitality/Culinary Arts staff for a three-week culinary experience and competition, where you are the Teen Chef! Participants will receive topnotch 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:** Ronda Drakeford

To register, Visit our registration page.

## Week 4 (July 16 - July 20)

#### KT321 A Week of Fun Activities Ages 7-12

004, 5 sessions; \$300

Mon.-Fri.; July 16-July 20, 2018 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. Instructors: Gul Khan, Julia Amaya, and Stephanie Mensch and Susan Mensch

#### KT445 Super Science STEM Challenges Ages 7 – 12

**002,** 5 sessions; \$210

Mon.-Fri.; July 16-July 20, 2018 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

#### KT447 Battle-Bots and Robotic Fun Ages 7-12

**001,** 5 sessions; \$210

Mon.-Fri.; July 16-July 20, 2018 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

#### NEW

#### KT487 World of Science Motorized Build Ages 7 – 10

**001,** 5 sessions; \$210

Mon.-Fri.; July 16-July 20, 2018 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

### NEW

#### KT508 Junior Chef Battle of the Week Ages 7-10

**001,** 5 sessions; \$265

Mon.-Fri.; July 16-July 20, 2018 Hours: 1:00 p.m. - 4:00 p.m.

Each class we will be a different themed battle such as cupcake battle; homemade dough battle, food science battle, board game battles, & more... then under the careful supervision and enthusiasm of the CHEF IT UP 2 GO team, we will break the kids into different teams and explain the rules for that battle. To add to the suspense we keep the ingredients a secret until they are ready to battle it out! They will have a certain time frame to brainstorm & complete their battle with their teammates to prepare their creations. It will be blast! We might take away a much needed utensil or add extra ingredients... you never know what could happen with a CHEF IT UP 2 GO Battle! Instructor: CHEF IT UP 2 GO

#### KT443 Architecture and Engineering Challenges Ages 7-12

**001,** 5 sessions; \$210 **002,** 5 sessions; \$210

Mon.-Fri.; July 16-July 20, 2018 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

home a Hexbug robot as part of this camp. **Instructor:** Super Science for Kids

### NEW

#### KT491 Advanced 3D Video Game with Unity Ages 8-11

001, 5 sessions; \$215 Mon.-Fri.; July 16-July 20, 2018 Hours: 1:00 - 4:00 p.m.

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

#### KT471 Soccer Camp Ages 8-16

001, 4 sessions; \$250

Mon.-Thur.; July 16-July 19, 2018 Hours: 9:00 a.m.-4:00 p.m.

Participate in soccer camp with the award-winning Bergen Community College soccer coaches. Learn the skills of the game and then practice those skills with real game simulations. Bring cleats if you have them, otherwise sneakers will do. Also required are long socks with shin guards. Bring water and a change of shirt as well. Girls and boys are welcome to join! Instructor: Giovanni Soto

### NEW

### Filled - Closed to new registrations

#### KT509 Junior Chef Battle of the Week Ages 10-13

**001,** 5 sessions; \$265 Mon.-Fri.; July 16-July 20, 2018

Hours: 9:00 a.m. - 12:00 p.m.

Each class we will be a different themed battle such as cupcake battle; homemade dough battle, food science battle, board game battles, & more... then under the careful supervision and enthusiasm of the CHEF IT UP 2 GO team, we will break the kids into different teams and explain the rules for that battle. To add to the suspense we keep the ingredients a secret until they are ready to battle it out! They will have a certain time frame to brainstorm & complete their battle with their teammates to prepare their creations. It will be blast! We might take away a much needed utensil or add extra ingredients... you never know what could happen with a CHEF IT UP 2 GO Battle!

#### KT400 Junior Authors Ages 10-14

**001,** 5 sessions; \$150

Mon.-Fri.; July 16-July 20, 2018 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.

#### KT385 Shark Tank Ages 8-10

**001,** 5 sessions; \$160

Mon.-Fri.; July 16-July 20, 2018 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

#### KT286 App Attack! Make Your First Game App Ages 8-11

**001,** 5 sessions; \$215 Mon.-Fri.; July 16-July 20, 2018 Hours: 9:00 a.m. - 12:00 p.m.

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

# KT457 Intro to Film and TV: Acting and Behind the Scenes Ages 8-15

001, 5 sessions; \$450

Mon.-Fri.; July 16-July 20, 2018 Hours: 9:00 a.m. – 4:00 p.m.

This is Wickline Casting's original course that started 20 years ago. 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

#### KT 351 LASR Academy Camp Ages 11-13

**002**, 5 Sessions, \$350.00 Mon-Fri. July 16 – July 20, 2018 Hours: 9:00 a.m. – 4:00 p.m.

Join us for a great hands-on discovery adventure and learn the science behind the robotics that are quickly becoming a part of our daily lives! Unmanned autonomous systems are high tech, intelligent machines capable of traveling by land, air or sea without a human crew on board. Thanks to Unmanned Autonomous Systems, UAS machines are now able to go where humans can't, they can monitor dangerous environments, drop life rafts and even help with emergency situations. Students work in a teams on a variety of robotic basic challenges, students learn the STEM principles behind the field challenges. Join this program and practice hands-on problem solving activities with UAS and land based robotics.

Instructor: Rick Flynn

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

### NEW

#### KT492 Advanced 3D Video Game with Unity Ages 11-14

**001,** 5 sessions; \$215 Mon.-Fri.; July 16-July 20, 2018 Hours: 9:00 a.m. - 12:00 p.m.

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

#### KT359 Painting Styles Ages 11-14

**001,** 5 sessions; \$325

Mon.-Fri.; July 16-July 20, 2018 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

#### CE259 Digital SLR Basic Photography Ages 13-16

**001,** 5 sessions; \$160

Mon.-Fri.; July 16-July 20, 2018 Hours: 9:00 am - 12:00 p.m.

Would you like to learn how to use a digital camera with creative settings such as apertures and shutter speed? Then, work with your camera to learn to make a good photograph—seeing the subject, framing the shot, stopping motion or blurring it, setting a mood and more. We'll capture campus imagery, work as photographer and model, and make prints of some of images we capture. A digital camera is required for this class. Instructor: Corrin Jacobsen Kovalcik

#### KT325 Preparing for Flight Grades 7 & 8

**001,** 5 sessions; \$580

Mon.-Fri.; July 16-July 20, 2018 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 16-July 20, 2018 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

#### KT287 App Attack! Make Your First Game App Ages 11-14

**001,** 5 sessions; \$215

Mon.-Fri.; July 16-July 20, 2018 Hours: 1:00 p.m. - 4:00 p.m.

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

#### CE246 Young Entrepreneurs Ages 11-15

**001**, 5 sessions; \$250

Mon.-Fri.; July 16-July 20, 2018 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

#### KT364 Making Jewelry with Resin Ages 12-16

**001**, 5 sessions; \$325

Mon.-Fri.; July 16-July 20, 2018

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

#### KT325 Preparing for Flight Grades 7 & 8

**001,** 5 sessions; \$580

Mon.-Fri.; July 16-July 20, 2018 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

To register, Visit our registration page.

# Week 5 (July 23 - July 27)

#### NEW

#### KT483 Jurassic Survival Motorized Build Ages 7 – 10

**001**, 5 sessions; \$210 Mon.-Fri.; July 23-July 27, 2018

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 T. 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! Come learn, build and play at Jurassic Brick Land class! Instructor: Bricks 4 Kidz

#### KT321 A Week of Fun Activities Ages 7-12

**005,** 5 sessions; \$300

Mon.-Fri.; July 23-July 27, 2018 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! Instructors: Gul Khan, Julia Amaya, Susan Mensch

#### KT413 Super Science Make & Take Ages 7-12

**001,** 5 sessions; \$210

Mon.-Fri.; July 23-July 27, 2018 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.

#### NEW

#### KT498 Crafty Yoga Ages 7 - 10

**001**, 5 sessions; \$175

Mon.-Fri.; July 23-July 27, 2018 Hours: 1:00 p.m. - 4:00 p.m.

Enjoy a fun and creative Yoga class led by a certified Children's Yoga Teacher. This lively class starts with an

exciting yoga flow, and continues with the reading of an enjoyable children's book. While reading the story, children laugh and enjoy contorting their bodies into yoga poses to act out the story. The fun then continues



with a creative arts and craft activity related to the story of the day! A new story every day makes this class exciting, and one you don't want to miss! **Instructor**: Julia Verno

#### KT414 Chemical Wizardry Ages 7-12

**003**, 5 sessions; \$210 **004**, 5 sessions; \$210

Mon.-Fri.; July 23-July 27, 2018 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

## NEW

### Filled - Closed to new registrations

#### KT507 Junior Chef What's For Lunch Ages 7-12

**001,** 5 sessions; \$265

Mon.-Fri.; July 23-July 27, 2018 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! Some items on the menu will be baked veggie spring rolls, pizza cupcakes, fresh fruit smoothies, banana oat cookies, fresh fruit hand pies and much more! Instructor: CHEF IT UP 2 GO

#### NEW

KT506 Junior Chef Foods Around the World Ages 7-12 001, 5 sessions; \$265

Construct an electro-magnet and a working electric motor. Build an adjustable, ball-launching catapult that changes the trajectory of a flinging projectile. Create a working model of Hero Alexandria's fountain or vortex tornado in a bottle. Make ultra-violet bead bracelets, a working compass, submarine divers, and more. Projects will vary by age level and instructions will be taught in more depth for older students. **Instructor**: Super Science for Kids

NEW

#### KT504 Drone Adventures 8 - 11

001, 5 sessions; \$215

Mon.-Fri.; July 23-July 27, 2018 Hours: 9:00 a.m. - 12:00 p.m.

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

#### KT358 Beginning Sewing Ages 9-12

**001**, 5 sessions; \$300

Mon.-Fri.; July 23-July 27, 2018 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; \$225

Mon.-Fri.; July 23-July 27, 2018 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

#### KT497 Portrait Painting Ages 10-13

001, 5 sessions; \$325

Mon.-Fri.; July 23-July 27, 2018 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

Mon.-Fri.; July 23-July 27, 2018 Hours: 1:00 p.m. - 4:00 p.m.

CHEF IT UP 2 GO takes the kids on a culinary adventure and picks different countries to visit each day and prepare fun foods and drinks from that region! Perhaps it's fresh pasta homemade pasta from scratch to take home, Spanakopitas for Greece or even some decadent desserts for France this program is definitely a hit!! Instructor: CHEF IT UP 2 GO

#### KT448 Video Game Animation Ages 8-11

**001,** 5 sessions; \$215

Mon.-Fri.; July 23-July 27, 2018 Hours: 1:00 p.m. - 4:00 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

# KT280 A Week at Hogwarts for the Advanced Harry Potter Fan Ages 10-12

**002,** 5 sessions; \$300

Mon.-Fri.; July 23-July 27, 2018

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

#### KT324 Rocket Girls Grades 5 - 8

**001,** 5 sessions; \$580

Mon.-Fri.; July 23-July 27, 2018 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

# KT444 Introduction to LEGO and VEX IQ Robotics Ages 10-

002, 5 sessions; \$210

Mon.-Fri.; July 23-July 27, 2018 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; \$300

Mon.-Fri.; July 23-July 27, 2018 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: The Garage Theatre Group

#### KT386 Shark Tank Ages 11-13

**001,** 5 sessions; \$160

Mon.-Fri.; July 23-July 27, 2018 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 repurposed materials. Then present your product to the panel of "Shark Tank" judges. **Instructor**: Kathleen Neumann

#### KT449 Video Game Animation Ages 11-14

**002,** 5 sessions; \$215

Mon.-Fri.; July 23-July 27, 2018 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

#### KT417 Snare Drum Ages 10-14

**001**, 5 sessions; \$150

Mon.-Fri.; July 23-July 27, 2018 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

#### CE067 Digital Photo Editing Ages 11-13

**001**, 5 sessions; \$150

Mon.-Fri.; July 23-July 27, 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

#### KT 351 LASR Academy Camp Ages 11-13

**003,** 5 sessions; \$350

Mon-Fri. July 23 – July 27, 2018 Hours: 9:00a.m. – 4:00 p.m.

Join us for a great hands-on discovery adventure and learn the science behind the robotics that are quickly becoming a part of our daily lives! Unmanned autonomous systems are high tech, intelligent machines capable of traveling by land, air or sea without a human crew on board. Thanks to Unmanned Autonomous Systems, UAS machines are now able to go where humans can't, they can monitor dangerous environments, drop life rafts and even help with emergency situations. Students work in a teams on a variety of robotic basic challenges, students learn the STEM principles behind the field challenges. Join this program and practice hands-on problem solving activities with UAS and land based robotics.

**Instructor:** Rick Flynn

#### CE057 Notes! Ages 11-14

**001,** 5 sessions; \$150

Mon.-Fri.; July 23-July 27, 2018 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

#### NEW

#### KT505 Drone Adventures Ages 11-14

**001**, 5 sessions; \$215

Mon.-Fri.; July 23-July 27, 2018 Hours: 1:00 p.m. - 4:00 p.m.

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

#### CE084 Model United Nations Ages 13-16

**001,** 5 sessions; \$250

Mon.-Fri.; July 23-July 27, 2018 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

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

To register, Visit our registration page.

# Week 6 (July 30 - August 3)

#### KT320 K'Nex Amusement Park Ages 7 - 11

001, 5 sessions; \$150

Mon.-Fri.; July 30-August 3, 2018 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

### NEW

#### KT488 Oceanography Ages 7 - 12

001, 5 sessions; \$200

Mon.-Fri.; July 30-August 3, 2018 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 brandnew 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

#### Filled - Closed to new registrations

#### KT447 Battle-Bots and Robotic Fun Ages 7-12

002, 5 sessions; \$210

Mon.-Fri.; July 30-August 3, 2018 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

#### KT309 Minecraft Modders Ages 8-11

**001,** 5 sessions; \$215

Mon.-Fri.; July 30-August 3, 2018 Hours: 1:00 p.m. - 4:00 p.m.

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

#### CE900 Lego Pirates and Star Wars Ages 7-11

001, 5 sessions; \$150

Mon.-Fri.; July 30-August 3, 2018 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; \$300

Mon.-Fri.; July 30-August 3, 2018 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; \$234

Mon.-Fri.; July 30-August 3, 2018 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

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. To access their project at home students must own a PC/MAC version of Minecraft. Tablet, 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 years. Instructor: Black Rocket Productions

# KT345 Jewelry Making with Polymer Clay and Beads Ages 10-13

001, 5 sessions; \$325

Mon.-Fri.; July 30-August 3, 2018 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

### NEW

### KT501 Physics of Creative Destruction Ages 10 – 14

**001,** 5 sessions; \$215

Mon.-Fri.; July 30-August 3, 2018 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; \$234

Mon.-Fri.; July 30-August 3, 2018 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

#### KT312 Landscape Painting in Oil and Acrylic Ages 9 - 12

**001,** 5 sessions; \$325

Mon.-Fri.; July 30-August 3, 2018

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

#### KT310 Minecraft Modders Ages 11-14

**001,** 5 sessions; \$215

Mon.-Fri.; July 30-August 3, 2018 Hours: 9:00 a.m. - 12:00 p.m.

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

#### CE174 Acting Workshop Ages 11-16

**002,** 5 sessions; \$300

Mon.-Fri.; July 30-August 3, 2018 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

#### Filled – Closed to new registrations

KT353 Baking BCC: Breads, Cookies & Cupcakes Ages 12-15 001, 5 sessions; \$250

Mon.-Fri.; July 30-August 3, 2018

Hours: 9:00 am- 12:00 p.m.

Learn the basics of scaling, measuring out ingredients, rolling cutting, making and proofing dough, and more... and bring home your final projects for your loved ones to enjoy! Includes \$15 materials fee. (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: Derrick Gagner

additional \$19 lab fee for the VR headset has been added to the cost for the class. **Instructor:** Black Rocket Productions

#### KT360 The Art of Printmaking Ages 11-16

**001,** 5 sessions; \$175

Mon.-Fri.; July 30-August 3, 2018 Hours: 1:00 p.m. – 4:00 p.m.

Come experiment with us and learn the art of reduction printmaking! Discover the process of how to use this printmaking technique to create cool and exciting "Pop Art" style prints of your favorite images. Digital technology will be used to manipulate photos of your favorite subject to use for the creation of our prints. **Instructor**: Michelle Silva

#### KT326 Product Engineering Grades 9 - 12

**001,** 4 sessions; \$580

Mon.-Fri.; July 30-August 2, 2018 Hours: 8:00 a.m. - 3:30 p.m.

Our program gives participants exposure to engineering challenges to encourage campers to pursue math and science careers. Participants will employ the engineering design process as they tackle challenges just like those faced by NASA engineers as they design the next generation 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

#### KT365 3D Figure Sculpting Ages 12-15

**001,** 5 sessions; \$175

Mon.-Fri.; July 30-August 3, 2018 Hours: 9:00 a.m. - 12:00 p.m.

Discover how to create 3-dimensional figure sculptures using wire, newspaper, papier mache 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

#### KT384 Intermediate Guitar Ages 12 - 16

**001,** 10 sessions; \$265 (2 week class) Mon.-Fri.; July 30-August 3, 2018 Mon.-Fri.; August 6-August 10, 2018

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

To register, Visit our registration page.

### Filled - Closed to new registrations

#### KT354 Junior Pastry Chefs Ages 12-15

**001**, 5 sessions; \$250

Mon.-Fri.; July 30-August 3, 2018

Hours: 1:00 - 4:00 p.m.

In these half day sessions campers will learn the essentials of making pastries in today's world. Included among the recipes will be puff pastries, Danish and croissants, and other pastry arts techniques will be covered or demonstrated. The only "flaky" things about this camp will be the treats the campers bring home! Includes \$15 materials fee. (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: Derrick Gagner

#### KT408 Intermediate Sewing Ages 12-16

**001,** 5 sessions; \$300

Mon.-Fri.; July 30-August 3, 2018 Hours: 9:00 a.m. - 4:00 p.m. Did you ever watch and want to be on Project Runway? We

will not only



create a piece of clothing at the end of the week but will make a small quilt, a colorful tote to take to the beach, and more! Basic embroidery skills will also be learned to enhance our pieces. Some shopping for fabric and notions will be required to help personalize some of the projects. Sewing machine experience required as well as some hand sewing. Instructor: Teresa Sherry

#### KT416 Introduction to Web Design Using HTML Ages 13 - 16

001, 5 sessions; \$225

Mon.-Fri.; July 30-August 3, 2018 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

# Week 7 (August 6 - August 10)

#### NEW

KT420 Edible History Young Historians Ages 7-11

**001,** 5 sessions; \$205

Mon.-Fri.; August 6-August 10, 2018

Hours: 9:00 a.m. - 12:00 p.m.

New Jersey's Food History: Through the use of main ingredients as primary resources and this fun cooking class provides the context to learn about the history of New Jersey! We will explore ingredients such as blueberries, tomatoes, and peaches as we cook up dishes from the past and present. Children will develop their culinary skills by following the procedures of recipes, measuring ingredients, handling preparation materials such as knives, mortar and pestle, and hand-held juicers. Some cooking methods include sauté, frying, and baking. Instructor: Brianna Nurse

#### KT321 A Week of Fun Activities Ages 7-12

**007,** 5 sessions; \$300

Mon.-Fri.; August 6-August 10, 2018

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: 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! 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: Julia Amaya, Stephanie Mensch, Susan Mensch, and Gul Khan

### NEW

KT480 App IO: Make Your First Multiplayer App! Ages 8-11

**001**, 5 sessions; \$215

Mon.-Fri.; August 6-August 10, 2018

Hours: 9:00 p.m. - 12:00 p.m.

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

KT433 Star Wars Stop Animation Ages 8-11

# KT412 Junior Physicians - Discovering the Human Body Ages 7-12

**002,** 5 sessions; \$200

Mon.-Fri.; August 6-August 10, 2018

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

#### KT443 Architecture and Engineering Challenges Ages 7-12

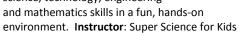
**003,** 5 sessions; \$210

Mon.-Fri.; August 7-August 11, 2017

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



CE273 Junior Engineer's Club Ages 7-9

003, 5 sessions; \$300

CE273 Junior Engineer's Club Ages 10-12

**004**, 5 sessions; \$300

Mon.-Fri.; August 6-August 10, 2018

Hours: 9:00 a.m.-4:00 p.m.

Enjoy a full week of fun and learning as we explore Bridge Building, Biomes, Water, Volcanoes, and Rollercoasters. Each day students will work together to create fun projects.

Bridge Building: Learn about bridges, explore the great bridges of the world and develop an understanding on how it all works. Have fun building your own bridge and experiment to see how much weight it can hold! Magnets!: A compass allows us to observe the direction of a magnetic field; compass needles are just little magnets that are free to rotate. Why do magnets sometimes stick together and sometimes run away from each other? How can magnets create electricity? Join us for this adventure filled camp where you will learn about magnets with fun hands on experiments. Biomes: Major biomes include deserts, forests, grasslands, tundra, and several types of aquatic

001, 5 sessions; \$215

Mon.-Fri.; August 6-August 10, 2018

Hours: 1:00 p.m. - 4:00 p.m.

Make your own Star Wars adventure come to life! Bring in your favorite action figures or Star Wars and create a short film with your friends. Whether you want to recreate a scene from Star Wars or design a new world of your own, this class brings your dreams to the screen. Students will need to bring in Star Wars action figures or vehicles from home, but all other equipment provided. Student-created films will be available on a password protected website to share with friends and family. Students will work in pairs or teams for most of the program. Instructor: Black Rocket Productions

### NEW

#### KT499 Circus Arts Ages 8-12

**001,** 5 sessions; \$175

Mon.-Fri.; August 6-August 10, 2018 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"



#### KT280 A Week at Hogwarts for the Advanced Harry Potter Fan Ages 10-12

**003,** 5 sessions; \$300

Mon.-Fri.; August 6-August 10, 2018

finale. Instructor: Kathy Neumann

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

### NEW

# KT495 App IO: Make Your First Multiplayer App! Ages 11-

**001**, 5 sessions; \$215

Mon.-Fri.; August 6-August 10, 2018

Hours: 1:00 p.m. - 4:00 p.m.

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

environments. Learn about what makes a biome and build your very own, take it home, care for it, and see it come to life. **Water:** Discover the properties of water and how it exists in many forms. Perform fun experiments and learn about the many states of matter and other interesting facts. **Volcanoes:** Design and build a volcano creating a place where the magma will reach the surface and become flowing lava. Discover how long it will take for the chemicals to mix and react, and what the reaction will be. **Instructors:** Sue Maccaro & Barbara Condon

#### KT318 I ♥ Writing Ages 8 - 12

**002**, 5 sessions; \$150

Mon.-Fri.; August 6-August 10, 2018

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

#### KT312 Landscape Painting in Oil and Acrylic Ages 9 – 12

**002,** 5 sessions; \$325

Mon.-Fri.; August 6-August 10, 2018

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

### NEW

#### KT502 Roller Coaster and Marble Race Physics Ages 10 – 14

**001,** 5 sessions; \$215

Mon.-Fri.; August 6-August 10, 2018

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

#### KT454 Virtual Reality Ages 11-14

**002,** 5 sessions; \$234

Mon.-Fri.; August 6-August 10, 2018

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

how code your own. Students will work in pairs or teams for most of the program. **Instructor**: Black Rocket Productions

NEW

#### KT503 Intro to TV Hosting and Anchoring Ages 11-15

**001,** 5 sessions; \$450

Mon.-Fri.; August 6-August 10, 2018

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

#### KT415 JavaScript Ages 13 – 16

001, 5 sessions; \$225

Mon.-Fri.; August 6-August 10, 2018

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

#### KT465 3D Computer Animation Ages 13-16

**001,** 5 sessions; \$300

Mon.-Fri.; August 6-August 10, 2018

Hours: 9:00 a.m.-4:00 p.m.

Ever wonder how Disney does it? In this course, we'll bring

characters to life by learning professional techniques to make animation fun! Autodesk 3Ds Max, the 3D modeling and animation software that we'll be using, allows us to easily create fluid character movements with Biped rigs and Physique



mapping. Let's make characters dance, run, speak, emote and so much more! **Instructor**: Carla Cucinotta

To register, Visit our registration page.

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

#### CE246 Young Entrepreneurs Ages 11-15

**002**, 5 sessions; \$250

Mon.-Fri.; August 6-August 10, 2018

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

### NEW

#### KT421 Edible History Intermediate Historians Ages 12-16

001, 5 sessions; \$205

Mon.-Fri.; August 6-August 10, 2018

Hours: 1:00 p.m. - 4:00 p.m.

Food History and America: The Story of Immigration Trace the roots of America's story through the tastes of various cultures who have helped to create the food landscape of our nation. We will navigate our way through the food cultures of Asia, Africa, Europe, and Latin America as we cook up a bit of history and explore how foods contributed to the cultural landscape of America. The culinary skills that they will develop include: following the procedures of recipes, accurately measuring ingredients, handling preparation materials such as potato peelers, knives, and mortar and pestle. Some cooking methods include sauté, frying, and baking. **Instructor:** Brianna Nurse

#### KT458 Scene Study Ages 13-16

**001**, 5 sessions; \$300

Mon.-Fri.; August 6-August 10, 2018

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

## Fun Fridays

## Week 1

#### KT404 Create Fun Stuffed Animals Ages 7 - 12

**001**, 1 session; \$65 Fri.; June 29, 2018 Hours: 9:00 a.m.-4:00 p.m.

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! Instructor: Stephanie Mensch

#### KT468 Cork Board Designs Ages 7-12

**001**, 1 session; \$65 Fri.; June 29, 2018 Hours: 9:00 a.m.-4:00 p.m.

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-ofa-kind masterpiece



to take home. Instructor: Susan Mensch

# Week 2

#### KT402 Dream Catchers Ages 7 - 12

**001,** 1 session; \$65
Fri.; July 6, 2018
Hours: 9:00 a.m. – 4:00 p.m.
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! **Instructor:** Stephanie Mensch



#### KT316 Popsicle Stick Creations Ages 7 – 12

**001,** 1 session; \$65
Fri.; July 6, 2018
Hours: 9:00 a.m. – 4:00 p.m.
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. Instructor: Kathleen Neumann

#### CE262 Crafty Creations Ages 7 - 12

**001**, 1 session; \$65
Fri.; July 6, 2018
Hours: 9:00 a.m.-4:00 p.m.
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, which you will be able to take home! **Instructor:** Julia Amaya



To register, visit our registration page.

# Week 3

#### KT397 Create Your Own Greeting Cards Ages 7 -12

**001,** 1 sessions; \$65 Fri., July 13, 2018

Hours: 9:00 a.m.-4:00 p.m.
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. Just think of how much fun it will be for them to receive a card made just for them! 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!

Instructor: Kathleen Neumann

#### KT403 Design Board Games Ages 7 - 12

001, 1 session; \$65
Fri., July 13, 2018
Hours: 9:00 a.m.-4:00 p.m.
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. Instructor: Susan
Mensch



# Week 4

#### CE807 Babysitter Training Ages 11-16

**001**, 1 session; \$150 Fri., July 20, 2018 Hours: 9:00

a.m.-4:00 p.m.
Become a
certified
American Red
Cross
Babysitter! In
this 6 hour
program learn
how to identify
potential
hazards in the



home, prevent injuries, diaper and feed babies, make simple, healthy meals and deal with bedtime issues. You will also learn interview skills! Bring a doll so you can practice your babysitting techniques! **Instructor**: American Red Cross

#### KT398 001 Scrapbooking Ages 7-12

**001**, 1 session; \$65 Fri., July 20, 2018 Hours: 9:00 a.m.-4:00 p.m. 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. **Instructor:** Susan Mensch

#### KT406 Hawaiian Luau Day Ages 7 - 12

001, 1 session; \$65
Fri., July 20, 2018
Hours: 9:00 a.m.-4:00 p.m.
Come join us at our very own luau!
We will make leis, grass skirts,
coconut crafts, and just have a lot
of Hawaiian fun! Instructor:
Stephanie Mensch



# Week 5

#### CE091 I want to be a Teacher! Ages 7-12

**001,** 1 session; \$65 Fri., July 27, 2018

Hours: 9:00 a.m.-4:00 p.m.

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**: Gul Khan

#### KT322 Summer Desserts Ages 7-12

**001**, 1 session; \$65 Fri., July 27, 2018

Hours: 9:00 a.m.-4:00 p.m.

Create and sample a variety of sweet treats at this yummy class. Learn to make different kinds of desserts that are

perfect for hot summer weather: ice cream and frozen pops, no-bake pies, puddings and parfaits, fruity treats, and fizzy drinks. In addition, you'll create and take home your own dessert recipe book



so you can continue to make treats for your family all summer long. **Instructor:** Julia Amaya

# Week 6

#### CE807 Babysitter Training Ages 11-16

**002**, 1 session; \$150 Fri.; August 3, 2018 Hours: 9:00 a.m.-4:00 p.m.

Become a certified American Red Cross Babysitter! In this 6 hour program learn how to identify potential hazards in the home, prevent injuries, diaper and feed babies, make



simple, healthy meals and deal with bedtime issues. You will also learn interview skills! Bring a doll so you can practice your babysitting techniques! **Instructor**: American Red Cross

# KT469 Colorful Sand Art

001, 1 session; \$65
Fri., August 3, 2018
Hours: 9:00 a.m.-4:00 p.m.
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! **Instructor:** Susan Mensch

#### CE191 Spa Day! Ages 7-12

001, 1 session; \$65
Fri., August 3, 2018
Hours: 9:00 a.m.-4:00 p.m.
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. **Instructor:** Gul Khan

#### KT470 Perler Bead Creations Ages 7-12

**001,** 1 session; \$65 Fri., August 3, 2018 Hours: 9:00 a.m. - 4:00 p.m.

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! **Instructor:** Stephanie Mensch

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 Official SAT Study Guide (2016 Edition) (Official Study Guide for the New SAT). Please purchase textbook before the first day of class.

SD 017 SAT Essay High School Students 001, 4 sessions; \$160

Mon.-Thurs.; July 16-July 19, 2018 Hours: 1:00 p.m. - 4:00 p.m. Instructor: Melissa lannacone

SD 661 SAT Verbal
High School Students
001, 5 sessions; \$195
Mon-Fri., July 30 – August 3, 2018
Hours: 9:00 a.m. - 12:00 p.m.

Hours: 9:00 a.m. - 12:00 p.m. Instructor: Patrick Bouchard SD 662 SAT Math

**001,** 5 sessions; \$195 Mon-Fri., July 30 – August 3, 2018 Hours: 1:00 p.m. - 4:00 p.m.

Hours: 1:00 p.m. - 4:00 p.m. Instructor: Patrick Bouchard

**High School Students** 

SD 661 SAT Verbal High School Students 002, 5 sessions; \$195

Mon-Fri., August 6 - 10, 2018 Hours: 1:00 p.m. - 4:00 p.m. Instructor: Patrick Bouchard

SD 662 SAT Math High School Students 002, 5 sessions; \$195 Mon-Fri., August 6 - 10, 2018 Hours: 9:00 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. Pizza is served on Friday.

#### 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. Pizza is served on Friday.

#### 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.