



KIDS & TEENS PROGRAMS Summer 2018

COMPUTERS

Fun with Photoshop

Ages 11-15

Adobe Photoshop is fun and exciting! Students are taught the fundamentals of Adobe Photoshop using youth oriented project, such as digitally morphing humans and animals, and digital self-portrait! Please bring a **peanut free** snack and a drink.

Instructor: Lluana Jones

CRN 31098 YT335-01 5 sessions
Mon-Fri June 25-29 1:00-4:00pm

CRN 31099 YT335-02 5 sessions
Mon-Fri July 16-20 1:00-4:00pm

Course Fee \$180

Web Page Design

Ages 8-10

Design your own Web page! Exploring kid-friendly sites on the World Wide Web and design a working Web page. Please bring a **peanut free** snack and a drink.

Instructor: Lluana Jones

CRN 31100 YT303-01 5 sessions
Mon-Fri July 9-13 9:00am-12:00pm

Course Fee \$180

Keyboarding

Ages 8-14

Students perfect their touch-keyboarding skills and learn the fundamentals of word processing. Please bring a **peanut free** snack and a drink.

Instructor: Lluana Jones

CRN 31101 YT301-01 5 sessions
Mon-Fri July 9-13 1:00-4:00pm

Course Fee \$180

Make Your First Video Game

Ages 8-10

If you love playing video games, this is the camp for you! Make your first video game in this one-of-a-kind class that shows you the keys to designing your first **2D** platformer game. Conceptualization, play experience, challenge levels, graphics, sounds, and simple coding are just some of the concepts that we'll explore. No prior experience necessary, just a desire to have fun. Student 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. Please bring a **peanut free** snack and a drink.

Instructor: Black Rocket Productions Staff

CRN 31102 YT323-01 5 sessions
Mon-Fri June 25-29 1:00-4:00pm

Course Fee \$205

Video Game Animation

Ages 11-14

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

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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. Please bring a **peanut free** snack and a drink.

Instructor: Black Rocket Productions Staff

CRN 31103 YT331-01 5 sessions
Mon-Fri June 25-29 9:00am-12:00pm
Course Fee \$205

Make Your First 3-D Video Game!

Ages 8-14

In this Black Rocket classic, you go well beyond the limitations of the traditional 2D game design classes and create an immersive 3D world. Students learn the physics behind 3D games, explore beginner event scripting, level design, controlling the flow of gameplay, and storytelling. Student created games will be available on a password protected Black Rocket website to share with friends and family. Students work in pairs or teams for most of the program. Please bring a **peanut free** snack and a drink.

Instructor: Black Rocket Productions Staff

5 sessions
CRN 31104 YT327-01 Ages 8-10
Mon-Fri July 16-20 9:00am-12:00pm

CRN 31105 YT327-02 Ages 11-14
Mon-Fri July 16-20 1:00-4:00pm
Course Fee \$205

Maker Labs: Make Your First 3D Creation

Ages 11-14

Calling all boys and girls who want to be the designers of the future! In this class if you can dream it you can make it - create your first action figure, design custom jewelry, or make a new toy! Using professional-level modeling software, kids will sculpt, texture, and render their own 3D creation. No prior experience is necessary and 3D designs will be available on a password protected website to share with friends and family. 3D printing is not included, but can be purchased separately through a 3rd party company. Students will work in pairs or teams for most of the program. Returning students can create more advanced projects that build on previous years.

Please bring a **peanut free** snack and a drink.

Instructor: Black Rocket Productions Staff

CRN 31106 YT357-01 5 sessions
Mon-Fri June 25-29 1:00-4:00pm
Course Fee \$205

App Attack! Make Your First Game App

Ages 8-14

Take the first steps into the world of mobile app design and customize your own game app! Using a specialized app & game development tool, students will explore the world of web-based (HTML5) mobile apps. In addition to learning the basics of mobile app design and game development, you will also see firsthand how the world of App publishing functions. Student-created apps will be accessible on a private site and can be played on any mobile device or computer. Publishing to App Stores not included. No prior experience is necessary and students do not need to own a smartphone or tablet to take the class. Students will work in pairs or teams for most of the program. Returning students can create more advanced projects that build on previous years. Please bring a **peanut free** snack and a drink.

Instructor: Black Rocket Productions Staff

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KIDS & TEENS PROGRAMS Summer 2018

5 sessions
CRN 31107 YT341-01 Ages 11-14
Mon-Fri July 9-13 9:00am-12:00pm

CRN 31108 YT341-02 Ages 8-10
Mon-Fri July 9-13 1:00-4:00pm
Course Fee \$205

New! Code Your Own Adventure! Interactive Storytelling

Ages 8-14

Watch as the characters in your imagination come to life in this unique course that blends classic storytelling with animation techniques and coding. Start with a concept, design the characters, and choose not just one ending, but many! Learn how to create your own text-based adventure games with variables, conditional logic, images, HTML, CSS, and JavaScript. Students will work in pairs or teams for most of the program. Please bring a **peanut free** snack and a drink.

Instructor: Black Rocket Productions Staff

5 sessions
CRN 31109 YT382-01 Ages 8-10
Mon-Fri July 9-13 9:00am-12:00pm

CRN 31110 YT382-02 Ages 11-14
Mon-Fri July 9-13 1:00-4:00pm
Course Fee \$205

Minecraft Designers

Ages 8-10

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 models using a new software to design your very own objects, create skins for characters, and import them into your favorite Minecraft games. 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. Parent email address is required to use 3D modeling software. Students will work in pairs or teams for most of the program. Returning students can create more advanced projects that build on previous years. Please bring a **peanut free** snack and a drink.

Instructor: Black Rocket Productions Staff

5 sessions
CRN 31111 YT349-01 5 sessions
Mon-Fri June 25-29 9:00am-12:00pm
Course Fee \$205

Minecraft Modders

Ages 8-14

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 pairs or teams for most of the program. Returning students can create more advanced projects that build on previous years. Please bring a **peanut free** snack and a drink.

Instructor: Black Rocket Productions Staff

5 sessions

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KIDS & TEENS PROGRAMS Summer 2018

CRN 31112 YT358-01 Ages 11-14
Mon-Fri July 16-20 9:00am-12:00pm

CRN 31113 YT358-02 Ages 8-10
Mon-Fri July 16-20 1:00-4:00pm
Course Fee \$205

New! Advanced Robotics

Ages 8-14

During this class your team will learn to program a robot to overcome daily class challenges using a using visual and text based programming. You will see firsthand how your program translates into action as you attempt to control your robot and participate in daily team challenges. You and your teammate will apply programming concepts while using the scientific method to formulate, observe, experiment, test, and modify your program based on your robot's observable actions. Each day you will have a new challenge for your team robot.

Projects/Videos will be available on a Black Rocket website to share with friends and family. Students work in pairs or teams for most of the program. Please bring a **peanut free** snack and a drink.

Instructor: Black Rocket Productions Staff

5 sessions

CRN 31114 YT383-01 Ages 8-10
Mon-Fri July 23-27 9:00am-12:00pm

CRN 31115 YT383-02 Ages 11-14
Mon-Fri July 23-27 1:00-4:00pm
Course Fee \$205

New! Roblox

Ages 8-14

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 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 work in pairs or teams for most of the program. Please bring a **peanut free** snack and a drink.

Instructor: Black Rocket Productions Staff

5 sessions

CRN 31116 YT381-01 Ages 11-14
Mon-Fri July 23-27 9:00am-12:00pm

CRN 31117 YT381-02 Ages 8-10
Mon-Fri July 23-27 1:00-4:00pm
Course Fee \$205

Code Breakers

Ages 8-14

Calling all future coders, programmers, & designers! Learn the basics of coding languages like HTML, JavaScript, and CSS through a series of web projects and design challenges each day and be on your way to becoming the next tech star! Whether you want to be the next Mark Zuckerberg or the 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. Projects will be available on a Black Rocket website to share with friends and family. Students will work in pairs or teams for most of the program. Returning students can create more advanced projects that build on previous years. Please bring a **peanut free** snack and a drink.

Instructor: Black Rocket Productions Staff

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5 sessions
CRN 31118 YT352-01 Ages 8-10
Mon-Fri July 30-Aug 3 9:00am-12:00pm

CRN 31119 YT352-02 Ages 11-14
Mon-Fri July 30-Aug 3 1:00-4:00pm

CRN 31120 YT352-03 Ages 8-10
Mon-Fri Aug 13-17 1:00-4:00pm
Course Fee \$205

New! Drone Adventures

Ages 8-14

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 work in pairs or teams for most of the program. Please bring a **peanut free** snack and a drink.

Instructor: Black Rocket Productions Staff

5 sessions
CRN 31121 YT378-01 Ages 11-14
Mon-Fri July 30-Aug 3 9:00am-12:00pm

CRN 31122 YT378-02 Ages 8-10
Mon-Fri July 30-Aug 3 1:00-4:00pm
Course Fee \$205

New! Advanced 3D Video Game with Unity

Ages 8-14

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. Please bring a **peanut free** snack and a drink.

5 sessions
CRN 31123 YT384-01 Ages 11-14
Mon-Fri Aug 6-10 9:00am-12:00pm

CRN 31124 YT384-02 Ages 8-10
Mon-Fri Aug 6-10 1:00-4:00pm
Course Fee \$205

Virtual Reality: The Future Is Now

Ages 8-14

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. Please bring a **peanut free** snack and a drink.

Instructor: Black Rocket Productions Staff

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KIDS & TEENS PROGRAMS Summer 2018

5 sessions
CRN 31125 YT372-01 Ages 8-10
Mon-Fri Aug 6-10 9:00am-12:00pm

CRN 31126 YT372-02 Ages 11-14
Mon-Fri Aug 6-10 1:00-4:00pm
Course Fee \$225

New! App.IO: Make Your First Multiplayer App!

Ages 8-14

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. Please bring a **peanut free** snack and a drink.

Instructor: Black Rocket Productions Staff

5 sessions
CRN 31127 YT385-01 Ages 8-10
Mon-Fri Aug 13-17 9:00am-12:00pm

CRN 31128 YT385-02 Ages 11-14
Mon-Fri Aug 13-17 1:00-4:00pm
Course Fee \$205

New! Python Programmers: Make Your Own Multiplayer Game!

Ages 11-14

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 fun a game you built from start to finish! Please bring a **peanut free** snack and a drink.

Instructor: Black Rocket Productions Staff

CRN 31129 YT379-01 5 sessions
Mon-Fri Aug 13-17 9:00am-12:00pm
Course Fee \$205

Intro. to Computer Animation

Ages 7-12

Ready, Set, Action! In this program, you will create your own stop motion animation videos, use a stop motion camera, and have fun designing and creating your own videos. Students learn the basic skills needed to create and animate. Whether you are making a LEGO® brick film; animating in claymation or capturing a flower bloom using time-lapse photography, you can bring anything to life with computer animation. Students learn to copy, edit, move and delete animation frames. Jazz up your creations by learning to import music and sounds, adding special effects, and more. All students will save their movies to share. Please bring a **peanut free** snack and a drink.

Instructor: Super Science Programs for Kids Staff

CRN 31130 YT376-01 5 sessions
Mon-Fri Aug 13-17 9:00am-12:00pm
Course Fee \$190



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ENRICHMENT

Workshop for Young Writers

Grades 1-8

This class encourages writing as an art form in ways that are fun, yet engaging and effective in keeping with current research in the field of writing studies. All you need to bring is your imagination, and we provide the rest. Please bring a **peanut free** snack and a drink.

Instructor: Staff

10 sessions

Mon-Fri July 16-27 9:00am-12:00pm

Grade completed as of June 2018.

CRN 31131 YE018-01 Grades 1 & 2

CRN 31132 YE018-02 Grades 3, 4, & 5

CRN 31133 YE018-03 Grades 6, 7, & 8

Course Fee \$344

Chapter Book Authors

Ages 11-14

This fun and very challenging camp will introduce the writer to the process of writing a short chapter book. The students study and examine short chapter books for children. They will create their own three chapter book.

Please bring a **peanut free** snack and a drink.

Instructor: Anne Kistrup

CRN 31134 YE182-01 5 sessions

Mon-Fri June 25-29 9:00am-12:00pm

Course Fee \$190

Young Author's

Ages 9-12

This challenging and fun filled class is a must for all those who enjoy writing. Students will study various children's book authors and illustrators. They will learn how to write a picture book. Please bring a **peanut free** snack and a drink.

Instructor: Anne Kistrup

CRN 31135 YE060-01 5 sessions

Mon-Fri Aug 6-10 9:00am-12:00pm

Course Fee \$190

Writing Skills

Ages 11-14

This class helps students develop good writing and critical thinking skills. Good mechanics and effective word usage, sentence and paragraph structure are emphasized. Topics to be covered include: expository, persuasive, and narrative writing. Please bring a **peanut free** snack and a drink.

Instructor: Anne Kistrup

CRN 31136 YB746-01 5 sessions

Mon-Fri Aug 13-17 9:00am-12:00pm

Course Fee: \$190

Chess Yes! – Beginner Training

Ages 6-14

Learn the rules of this great centuries' old game! This class is for those who don't know anything about chess and for those beginners who know how to play a little, but want to learn what they should do to be a better chess player. Get a quick overview of how to win a chess match -- not just the checkmating of your opponent, but how to get to that point. Worksheets, puzzles and class chess play will be used to teach you. Please bring a **peanut free** snack and a drink.

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Instructor: Martin Sobin, Jersey Chess
CRN 31137 YE039-01 5 sessions
Mon-Fri June 25-29 9:00am-12:00pm

CRN 31138 YE039-02 5 sessions
Mon-Fri Aug 6-10 1:00-4:00pm
Course Fee \$190

Chess Yes! - Advanced Beginners Training

Ages 6-14

You know the rules of chess; **now it's time to learn how to beat your parents, friends, and schoolmates at the game!** Students should have either taken a beginner's course or have played sufficiently to have some idea of what you are trying to do and how to do it. Course topics will include checkmating positions, basic opening ideas and chess tactics. Short lectures, worksheets, chess puzzles, and class chess play will be used to help you become a better player. You will also learn about the active environment of kid's tournament chess, as well as the numerous resources that are available to help you learn and play the game. Please bring a **peanut free** snack and a drink.

Instructor: Martin Sobin, Jersey Chess
CRN 31139 YE040-01 5 sessions
Mon-Fri July 9-13 9:00am-12:00pm

CRN 31140 YE040-02 5 sessions
Mon-Fri Aug 13-17 1:00-4:00pm
Course Fee \$190

Chess Club for Advanced Beginner/Intermediate Players

Ages 6-14

For advanced beginner to intermediate level players. If you know how to play, but want to be a better player, then this is the class for you. Really get into the game of chess with lots of game play. There will be some short training sessions and chess puzzles and worksheets, but the emphasis will be on playing and reviewing your games. There will be a "Club" tournament where you can win prizes and try to be the Class Champion. Get a head start on the new chess season starting in September -- the "Club" is where to do it! Please bring a **peanut free** snack and a drink.

Instructor: Martin Sobin, Jersey Chess
CRN 31141 YE220-01 5 sessions
Mon-Fri July 9-13 1:00-4:00pm

CRN 31142 YE220-02 5 sessions
Mon-Fri Aug 13-17 9:00am-12:00pm
Course Fee \$190

Boost Your Abilities with Puzzles, Games and Contests

Ages 8-14

Strap on your thinking caps and be ready for some fun challenges! You can become a champ at games like Scrabble, Boggle, Charades, Pictionary, Scattergories and Monopoly. Learn a few math tricks to make you a calculating wizard; and sharpen your logic skills to solve our Solitaire Battleship puzzles. You might even lead your team to victory with your knowledge, quickness of mind and talents! Studies show that these types of activities increase learning, teach discipline and develop social interaction -- but best of all, they are lots of fun. Please bring a **peanut free** snack and a drink.

Instructor: Martin Sobin, Jersey Chess



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CRN 31143 YE061-01 5 sessions
Mon-Fri June 25-29 1:00-4:00pm
Course Fee \$190

CRN 31144 YE061-02 5 sessions
Mon-Fri Aug 6-10 9:00am-12:00pm
Course Fee \$190

Juggling for All Skill Levels

Ages 8-16

Learn 2, 3 and 4 balls. Work on two person and passing tricks. Learn other props: like juggling sticks, spinning plates, poi, rings, clubs and lots of fun juggling games too. This course is best for absolute beginners and intermediate jugglers. Advanced jugglers are invited to attend as well. Please bring a **peanut free** snack and a drink.

Instructor: Adam Litwin

CRN 31145 YE117-01 5 sessions
Mon-Fri July 23-27 9:00-12:00pm
Course Fee \$190

SAT Accelerated Test Prep

Entering Grades 11 & 12

This course offers an accelerated and comprehensive approach to SAT standardized test preparation that is remarkable for its scope and length. The goal is not only to prepare students for the SAT, but perhaps more importantly, to impart enhanced critical thinking, academic skills, test-taking strategies and motivation that serve as a catalyst for improved academic performance. Please bring a **peanut free** snack and a drink.

Instructor: A Step Beyond The Classroom Staff

CRN 31146 YX212-01 5 sessions
Mon-Fri Aug 13-17 9:00am-4:00pm
Course Fee Total: \$288

New! Reading and Writing Boot Camp

Ages 10-12

This course is designed to boost your confidence in reading and writing. There will be a focus on writing and reading proficiency and reading comprehension. There will also be time for fun! Please bring a peanut free snack and a drink.

Instructor: Elite Aspirations Staff

CRN 31147 YE293-01 5 sessions
Mon-Fri July 9-13 9:00am-12:00pm
Course Fee \$180

New! Math Boot Camp

Ages 10-12

Don't suffer from summer brain drain! Join the Elite Aspirations Math Boot Camp to review important math skills and become more confident in your math abilities! This course will incorporate learning with fun problem solving activities. Please bring a **peanut free** snack and a drink.

Instructor: Elite Aspirations Staff

CRN 31148 YE294-01 5 sessions
Mon-Fri July 9-13 1:00-4:00pm
Course Fee \$180



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Reading Success for Primary Learners

Ages 6-8

This course will focus on mastery of phonics skills, comprehension, and reading fluency. This course is designed for students with reading difficulties. Please bring a **peanut free** snack and a drink.

Instructor: Elite Aspirations Staff

CRN 31149 YE252-01 10 sessions

Mon-Fri July 23-Aug 3 9:00am-12:00pm

Course Fee \$220

Elite Writers Club

Ages 8-10

Where do authors get their ideas? How does a science fiction story differ from historical fiction? What elements do all stories need? Come have fun and gain writing experience creating new characters and stories of your own. The class will culminate with a reading of original stories at our "Elite Young Authors Roundtable." Please bring a **peanut free** snack and a drink.

Instructor: Elite Aspirations Staff

CRN 31150 YE270-01 10 sessions

Mon-Fri July 23-Aug 3 9:00am-12:00pm

Course Fee \$220

The Art of Debate

Ages 8-10

This course is designed to increase student confidence by teaching debating strategies. Students will participate in fun mock trials and discuss the fundamentals of persuasive writing. Please bring a **peanut free** snack and a drink.

Instructor: Elite Aspirations Staff

CRN 31151 YE251-01 10 sessions

Mon-Fri July 23-Aug 3 1:00-4:00pm

Course Fee \$220

The Money Camp

Ages 13-17

Teach students about money and wealth building concepts, good and bad credit, wants versus needs, to help them begin thinking like entrepreneurs and introduce a simple money management system. Please bring a **peanut free** lunch, snack and a drink.

Instructor: Kenneth J. Carter

CRN 31152 YE125-01 3 sessions

Tue-Thu July 10-12 9:00am-4:00pm

CRN 31153 YE125-02 3 sessions

Tue-Thu Aug 7-9 9:00am-4:00pm

Course Fee \$269

Introduction to Entrepreneurship

Ages 13-17

The importance of entrepreneurship education and practice cannot be ignored as a vehicle to prepare future business and industry leaders for the opportunities in the 21st century. This course will teach students how to begin thinking more independently about starting and owning the business they work for, rather than being at the mercy of an employer, who will never pay them what their worth! Find a need and fill it.... be an entrepreneur. Please bring a **peanut free** lunch, snack and a drink.

Instructor: Ken Carter

CRN 31154 YE230-01 3 sessions

Tue-Thu July 31-Aug 2 9:00am-4:00pm

Course Fee: \$269

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Summer 2018

Learn to Sew

Ages 8-12

In this class students learn how to sew using a commercial sewing pattern. Students begin by sewing a pair of pull on pajama shorts, followed by a flirty summer skirt and complete this fun filled class by sewing a tote bag! All materials are included in the fee. Students use full size sewing machines. Please bring a **peanut free** snack and a drink.

Instructor: So You Sewing & Design Studio Staff
CRN 31155 YE219-01 5 sessions
Mon-Fri July 16-20 1:00-4:00pm
Course Fee: \$190

Design Diva

Ages 11-15

Students learn foundational design principals, color theory, fabric science, fashion illustration, simple patternmaking and of course garment sewing! All students design, create and sew their own designs! And on Friday afternoon we have a runway fashion show, where our students become models and walk the runway with their new creations! No experience necessary. This is an amazing week! You will see a new fashion designer emerge from someone who began the week with limited sewing or design knowledge! Don't miss this week! Please bring a **peanut free** lunch, snack and a drink.

Instructor: So You Sewing & Design Studio Staff
CRN 31156 YE231-01 5 sessions
Mon-Fri Aug 6-10 9:00am-4:00pm
Course Fee: \$375

Jewelry Design

Ages 8-12

In this class, students learn how to create unique one of a kind jewelry pieces using, pliers, crimpers, wire, and novelty findings. They make bracelets, earrings and necklaces for themselves friends and family. No stringing allowed! Students learn basic principles of design and how to balance appropriate beads for unique beautiful pieces of jewelry. All materials are supplied. Please bring a **peanut free** snack and a drink.

Instructor: So You Sewing & Design Studio Staff
CRN 31157 YE272-01 5 sessions
Mon-Fri Aug 13-17 1:00-4:00pm
Course Fee: \$190

Fashion Sewing

Ages 8-12

This is the perfect class for anyone who loves clothes or wants to be a fashion designer. Students learn how to work with a commercial sewing pattern and create a fabulous fun wardrobe for end of summer fun. Students sew summer tops, shorts, bags and cute summer dresses and skirts. Projects are geared toward success and fashion wear. Students complete the class with a working knowledge of patterns and using a sewing machine. This is a great class to further develop your skills and learn new ones. All materials are included and sewing machines are provided for use. Please bring a **peanut free** snack and a drink.

CRN 31158 YE276-01 5 sessions
Mon-Fri Aug 13-17 9:00am-12:00pm
Course Fee: \$190

New! The Traveler in You

Ages 6-12

Who doesn't love to travel? Your traveling journey can start NOW! We give you the experience of traveling to different countries with exposure to their Food, Music, Dress, Sports and many other cultural differences in a classroom setting. Get an interactive feel for the Country of the Day. **No Need to Pack a Suitcase; Just be ready to Travel!!!**

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Summer 2018

Instructor: Sara Doctofsky
CRN 31159 YE295-01 5 sessions
Mon-Fri Aug 6-10 1:00-4:00pm
Course Fee: \$180

Time Management & Goal Setting

Ages 6-12

Students will master the art of setting goals, embrace action plans, set priorities and other skills it take to achieving goals. By combining goal setting with Dream/vision boards, it is a fun and visual way for students to express their dreams and inspire them to pursue them... Make your very own dream/vision boards to display. If you can DREAM it YOU can Achieve it! Please bring a **peanut free** snack and a drink.

Instructor: Sara Doctofsky
CRN 31160 YE284-01 5 sessions
Mon-Fri Aug 13-17 1:00-4:00pm
Course Fee: \$180

Speak Out! Public Speaking for Kids

Ages 9-12

Learn simple ways to become a better speaker. **Speak Out! Public Speaking for Kids** introduces students to easy techniques for dealing with anxiety, organizing thoughts and listening. This workshop is highly interactive. Each student participates in various impromptu and group storytelling exercises, studying the art of persuasion, delivery methods and effective writing. The week culminates in a prepared 3-5 minute speech. New and repeat students are welcomed. Please bring a **peanut free** snack and a drink.

Instructor: Michael Griffith, RVCC Faculty
CRN 31161 YE012-01 5 sessions
Mon-Fri July 16-20 9:00am-12:00pm

CRN 31162 YE012-02 5 sessions
Mon-Fri Aug 13-17 1:00-4:00pm
Course Fee: \$180

New! Creative Writing Boot Camp

Ages 12-17

Stretch your writing muscles using fun exercises crafting short stories, poetry, memoir, scripts, and non-fiction. This is a great way to keep your writing skills sharp and to develop new ones for the coming school year. Please bring pens/pencils and a paper notebook. Please bring a **peanut free** lunch, snack and a drink.

Instructor: Michael Griffith, RVCC Faculty
CRN 31163 YE297-01 5 sessions
Mon-Fri June 25-29 9:00am-4:00pm
Course Fee: \$288

New! Tell YOUR Story

Ages 12-17

Explore ways to take the events of your life and work them into a finished project (one-act play or short film script, short story, or memoir). Careers in writing will be discussed. Please bring pens/pencils and a paper notebook. Please bring a **peanut free** snack and a drink.

Instructor: Michael Griffith, RVCC Faculty
CRN 31164 YE298-01 5 sessions
Mon-Fri July 9-13 9:00am-12:00pm
Course Fee: \$180



KIDS & TEENS PROGRAMS Summer 2018

New! Poetry Workshop

Ages 12-17

Using prompts and published poems, we will create poems using traditional forms, free verse, and experimental forms. This is a great way to stay focused for upcoming English classes and express your feelings. Please bring pens/pencils and a paper notebook. Please bring a **peanut free** snack and a drink.

Instructor: Michael Griffith, RVCC Faculty

CRN 31165 YE299-01 5 sessions

Mon-Fri July 9-13 1:00-4:00pm

Course Fee: \$180

New! Creative Writing Workshop

Ages 9-12

Stretch your writing muscles using fun exercises crafting short stories, poetry, memoir, scripts, and non-fiction. This is a great way to keep your writing skills sharp and to develop new ones for the coming school year. Please bring pens/pencils and a paper notebook. Please bring a **peanut free** snack and a drink.

Instructor: Michael Griffith, RVCC Faculty

CRN 31166 YE296-01 5 sessions

Mon-Fri July 16-20 1:00-4:00pm

Course Fee: \$180

New! Intro. to Mass Media

Ages 12-17

The history of mass media, how they have formed our culture, and careers in mass media are explored. In-class group work on developing the next hit TV show or movie culminate in fun presentations. Please bring a **peanut free** snack and a drink.

Instructor: Michael Griffith, RVCC Faculty

CRN 31167 YE302-01 5 sessions

Mon-Fri July 23-27 9:00am-12:00pm

Course Fee: \$180

New! Film Appreciation

Ages 12-17

We'll examine how movies are made and how they tell their stories so well. Careers in film-making are addressed. In-class viewing and discussion of popular films are the cornerstone of each class session. Please bring a **peanut free** snack and a drink.

Instructor: Michael Griffith, RVCC Faculty

CRN 31168 YE303-01 5 sessions

Mon-Fri July 23-27 1:00-4:00pm

Course Fee: \$180

New! Exploring Journalism

Ages 12-17

News comes in many forms, from TV broadcasts, magazines, newspapers, and blogging/vlogging. We'll look at all these ways of telling the news and work on our own news stories while examining careers in journalism. Please bring pens/pencils and a traditional notebook and/or an electronic tablet device with Wi-Fi capability. Please bring a **peanut free** snack and a drink.

Instructor: Michael Griffith, RVCC Faculty

CRN 31169 YE300-01 5 sessions

Mon-Fri July 30-Aug 3 9:00am-12:00pm

Course Fee: \$180



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New! Communication Skills and Confidence Building

Ages 12-17

Ways to overcome shyness and to speak confidently one-on-one, in small groups, giving speeches and in job interviews are developed in this class. Fun exercises help students prepare for the job market and school presentations. Bring pens/pencils. Please bring a **peanut free** snack and a drink.

Instructor: Michael Griffith, RVCC Faculty

CRN 31170 YE301-01 5 sessions

Mon-Fri July 30-Aug 3 1:00-4:00pm

Course Fee: \$180

New! Marketing and Advertising – How Things are Sold

Ages 12-17

From cars to cereal, movies to medicines, everything manufactured is sold in creative and effective ways. We'll look at careers in advertising and marketing, successful ad campaigns from the past, and how what you buy is marketed. In-class group work culminates in fun product pitches and ad campaign creation. Please bring a **peanut free** snack and a drink.

Instructor: Michael Griffith, RVCC Faculty

CRN 31171 YE304-01 5 sessions

Mon-Fri Aug 6-10 9:00am-12:00pm

Course Fee: \$180

New! Intercultural Communication

Ages 12-17

Students learn the value of their own cultural background while embracing the backgrounds of other cultures. Multiculturalism at home, school, and the workplace is addressed. Students should bring a Wi-Fi-enabled device. Please bring a **peanut free** snack and a drink.

Instructor: Michael Griffith, RVCC Faculty

CRN 31172 YE305-01 5 sessions

Mon-Fri Aug 6-10 1:00-4:00pm

Course Fee: \$180

New! How Science Fiction, Fantasy, and Horror Work

Ages 9-12

Looking at stories, TV shows, and movies from these popular genres, we will explore what it takes to lure in and then keep fans coming back for more. Students will create their own stories for presentation in class. Students should bring a Wi-Fi-enabled device, pens/pencils and paper. Please bring a **peanut free** snack and a drink.

Instructor: Michael Griffith, RVCC Faculty

CRN 31173 YE306-01 5 sessions

Mon-Fri Aug 13-17 9:00am-12:00pm

Course Fee: \$180

FINE & PERFORMING ARTS

Acting for the Camera

Ages 8-15

This class is for the aspiring young 'stars' in your household. It is here they will learn real auditioning skills by working with scripts for commercials and film readings. Your child will learn how to characterize and follow direction, block for camera and read with their 'co-stars'. Improvisation and ad-libbing (off the script) will be taught as a basis of personalizing characters and trusting instincts. One of the quickest ways to gain experience in this industry is by doing 'extra' work otherwise known as a "Background Artists." Included in this class is a list of legitimate talent agencies and terminology of the business. This class is designed by casting director, Kathy Wickline, CSA (www.wicklinecasting.com) who holds over 10,000 casting credits in film, commercials and TV.



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All original footage will be sent to a professional editor for creation of a USB. Orders will be taken for purchase; DVD Rate \$37.99 includes shipping and handling. Please bring a **peanut free** lunch, snack, and drink.

Instructor: Wickline Casting Staff

CRN 31174 YA152-01 5 sessions
Mon-Fri July 9-13 9:00am-4:00pm

CRN 31175 YA152-02 5 sessions
Mon-Fri July 30-Aug 3 9:00am-4:00pm
Course Fee: \$325

Film & TV

Ages 11-16

This is Wickline Casting's original camp that started 16 years ago. Each day is designed so children work as cast and crew teams. Students learn basic levels of acting, directing and operating the camera. Script writing, storyboarding and improvisation will also be introduced. Kids work on lots of cool projects like commercials, film scenes, music videos and public service announcements. Each day is different as students create their very own original projects as they learn the basics of the biz. All original footage will be sent to a professional editor for creation of a DVD. Orders will be taken for purchase; USB Rate \$37.99 includes shipping and handling.

Please bring a **peanut free** lunch, snack, and drink.

Instructor: Wickline Casting Staff

CRN 31176 YA161-01 5 sessions
Mon-Fri June 25-29 9:00am-4:00pm

CRN 31177 YA161-02 5 sessions
Mon-Fri July 16-20 9:00am-4:00pm
Course Fee \$325

Intro. to TV Hosting and Anchoring

Ages 11-16

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 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. This class is designed by casting director, Kathy Wickline, CSA (www.wicklinecasting.com) who holds over 10,000 casting credits in film, commercials and TV. All original footage will be sent to a professional editor for creation of a USB. Parents have the option to order for purchase a professionally edited USB as a keepsake.); DVD Rate \$37.99 includes shipping and handling. Please bring a **peanut free** lunch, snack, and drink.

Instructor: Wickline Casting Staff

CRN 31221 YA764-01 5 sessions
Mon-Fri Aug 13-17 9:00am-4:00pm
Course Fee \$325

Multi-Media Painting

Ages 6-12

Students enjoy investigating different approaches to painting with acrylics, tempera and watercolor as they discover new possibilities and achieve creation of mixed media works of art. Themes and subject matter are suggested, yet learners are encouraged to develop their own ideas while utilizing the materials and guidelines provided. Please bring a **peanut free** snack and a drink.

Instructor: Art for All Staff



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CRN 31178 YA110-01 5 sessions
Mon-Fri July 23-27 9:00am-12:00pm

CRN 31179 YA110-02 5 sessions
Mon-Fri Aug 6-10 1:00-4:00pm
Course Fee \$180

Fun Making Sculptures

Ages 6-12

Learners explore construction, form, function and process as they create each work of art, choosing a type of work, subject matter and materials. Students explore the possibilities within the process and ideas they develop. This creative, flexible class strengthens decision-making skills, aesthetic awareness and understanding of the many purposes of 3-D artwork. Please bring a **peanut free** snack and a drink.

Instructor: Art for All Staff

CRN 31180 YA111-01 5 sessions
Mon-Fri July 23-27 1:00-4:00pm

CRN 31181 YA111-02 5 sessions
Mon-Fri Aug 6-10 9:00am-12:00pm
Course Fee \$180

New! Hip-Hop & Rap

Ages 12-15

This class introduces students to the art of Hip-Hop. Students learn a brief history of Rap music and create their very own beats using the latest music software. Students are taught rhyming concepts and the importance of writing a good hook. They use these concepts, along with their own life experience, to write lyrics. Students then record this rap over their new beat to create their very own Hip-Hop song. On the final day students receive a CD of their new song to enjoy for years to come. Please bring a **peanut free** lunch, snack and a drink.

Instructor: East Coast Recording Company Staff

CRN 31182 YA758-01 5 sessions
Mon-Fri July 16-20 9:00am-4:00pm
Course Fee \$344

New! Singer Songwriting

Ages 13-17

During this class, students are introduced into the world of songwriting. Students explore the concepts of tempo, feel, and style as a foundation for creating their next hit song. Students experience writing a catchy chorus, developing and writing a verse, and introducing and placing a bridge. Students create an intro, learn about building intensity, and completing a song. Students experience songwriting that will last a lifetime. Please bring a **peanut free** lunch, snack and a drink.

Instructor: East Coast Recording Company Staff

CRN 31183 YA759-01 5 sessions
Mon-Fri July 23-27 9:00am-4:00pm
Course Fee \$344

Music and Voice Production

Ages 12-17

Does your child dream of what it's like to be behind the microphone, performing like their favorite singer? Well, here's their chance! This one-of-a-kind class designed by a GRAMMY award winning music producer and two-time Parent's Choice Gold winner offers students an actual recording studio experience by introducing them to the amazing world of the music industry. Students will have a blast developing their skills in Songwriting, Music Recording, Voice-overs and Audio Equipment Operation. Students can work interchangeably as talent and/or

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crew, behind the scenes or behind the microphone. They'll learn vocal warm up routines, perform voice-overs and TV/radio announcements, have a blast singing karaoke to their favorite songs, and the best part is they will have the unique opportunity to create their very own song from start to finish and record it live! It isn't often that a child can say they had a hand in fully producing a song from beginning to end and have a copy of that song to share with friends and family for years to come. Students will receive one professionally edited audio CD that contains all of their camp recordings for the week. This CD is included in the class fee. Please bring a **peanut free** lunch, snack and a drink.

Instructor: East Coast Recording Company Staff
CRN 31184 YA728-01 5 sessions
Mon-Fri July 30-Aug 3 9:00am-4:00pm
Course Fee \$344

POP Star Singing

Ages 6-10

If your child enjoys singing and performing, then this is the class for your up-and-coming superstar! Not only will your child have a blast singing and performing their favorite karaoke songs, but we will also provide silly dress ups and props so your child can perform and look like their favorite pop star. On the final day of class, all performances will be video-recorded and made available online for you to view and enjoy. While having fun, students also learn basic vocal warm-ups and performance tips that help build their confidence. Students also play singing games similar to lip-sync competition and Name That Tune. This is a super-fun class! Some dress ups and props are provided, however, students are welcome to bring their own favorite costumes as well! Please bring a **peanut free** snack and a drink.

Instructor: East Coast Recording Company Staff
CRN 31185 YA753-01 5 sessions
Mon-Fri Aug 6-10 9:00am-12:00pm
Course Fee \$190

New! Build Your Own Customized Electric Guitar

Ages 13-17

With this class, students design, paint, and construct a real electric guitar, while learning all about the instrument. Students are taught how to identify the parts of an electric guitar, replace and tune the strings, and to set up and adjust the guitar neck. Sessions also cover proper intonation, guitar care and maintenance. Students go home with a fully functional electric guitar and knowledge that will last a lifetime. Please bring a **peanut free** lunch, snack and a drink.

Instructor: East Coast Recording Company Staff
CRN 31186 YA760-01 5 sessions
Mon-Fri Aug 6-10 9:00am-4:00pm
Course Fee \$500

New! Creative Art Lab

Ages 13-17

This course is the ultimate class for fostering creativity and giving students the complete freedom to express themselves through their art! We provide students with visual examples, tips, and techniques, yet encourage them to use their own ideas and methods as they experiment with a wide variety of materials, and discover their own artistic style. Whether painting, sculpting, sketching, using papier mache, or creating 3-dimensional recycled art, the creative possibilities are endless! All new projects for returning participants! Please bring a **peanut free** snack and a drink.

Instructor: Smartycat Kids Staff
CRN 31187 YA761-01 5 sessions
Mon-Fri Aug 13-17 1:00-4:00pm
Course Fee \$205

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Art Around the World

Ages 8-10

This fun class introduces students to traditional art forms from several cultures from around the world. Students get to bring home their projects. Please bring a **peanut free** snack and a drink.

Instructor: Elite Aspirations Staff

CRN 31188 YA754-01 10 sessions
Mon-Fri July 9-20 9:00am-12:00pm
Course Fee \$220

Creative Expressions

Ages 8-10

This course taps into learners' multiple intelligences while we explore their creative sides. This course delivers a balance of focus and fun that combines the art of writing, movement and individual creativity. The final class results in a fun performance that our students write and direct. Please bring a **peanut free** snack and a drink.

Instructor: Elite Aspirations Staff

CRN 31189 YA755-01 10 sessions
Mon-Fri July 9-20 1:00-4:00pm
Course Fee \$220

New! Edible Art

Ages 6-12

Create art that's edible! In this class, unique pieces of art and crafts will be created, with food! In the comfort of the classroom. Have Fun while exploring food and confections that will be transformed into art masterpieces -

Where Yummy Art is consumed - Art you can EAT!

Instructor: Sara Doctofsky

CRN 31190 YA762-01 5 sessions
Mon-Fri Aug 6-10 9:00am-12:00pm
Course Fee \$180

New! Art Techniques

Ages 9-12

In this class students are taught techniques for different mediums each day. Monday students learn how to work with pencil and charcoal, Tuesday pastels, Wednesday watercolor, Thursday acrylics and Friday oils. Each day students work on a different project. All materials are included. Please bring a **peanut free** snack and a drink.

Instructor: So You Sewing & Design Studio Staff

CRN 31191 YA763-01 5 sessions
Mon-Fri July 16-20 9:00am-12:00pm
Course Fee: \$190

SCIENCES

Harry Potter

Ages 6-11

Join in the escapades of Harry and his friends. Play quidditch, write with invisible ink and make an edible wand. Brew some fantastic potions to drink. Wonder where the sorting hat will place you? Make cool crystals. Come experience the magic of science, art and literature. Experiment with colored magic sand. See a mysterious glowing ball! Please bring a **peanut free** snack and a drink.

Instructor: Sciensational Workshop for Kids, Inc. Staff

CRN 31192 YS706-01 5 sessions
Mon-Fri July 16-20 9:00am-12:00pm
Course Fee \$202



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Model Airplanes-Bridge Building Electronics

Ages 6-11

Build your own rubber-powered model airplane. Use your model as a learning tool in aerospace education, or just have fun building a sound airplane that actually flies when assembled. Have fun designing and building model bridges. Join us in our bridge building contest to see which one can hold the most weight. Learn simple engineering skills. Build 6 electronic projects. Some of them include a patrol car siren, burglar alarm and Morse code transmitter. Students learn how the different electronic components work. Please bring a **peanut free** snack and a drink.

Instructor: Sciensational Workshop for Kids, Inc. Staff

CRN 31222 YS676-01 5 sessions

Mon-Fri July 30-Aug 3 9:00am-12:00pm

Course Fee \$202

Chemical Magic

Ages 6-11

Learn to make batteries from fruits or potatoes. Make a fantastic crystal tree. Work with invisible ink. See the happy and sad balls. Work with our powerful magnets. Look at our prepared slides using our microscopes. Learn the different types of rocks and minerals from our interesting rock and mineral collection. Be a chemical detective. Make glob from glue. Use paper chromatography to separate colors. Make dirty pennies turn clean and clean pennies turn green. Everything will be explained to you so you can go home having learned some interesting science. Please bring a **peanut free** snack and a drink.

Instructor: Sciensational Workshop for Kids, Inc. Staff

CRN 31193 YS506-01 5 sessions

Mon-Fri Aug 6-10 9:00am-12:00pm

Course Fee \$202

Lego Star Wars

Ages 6-12

LEGO enthusiasts, have fun building your favorite adventure from a Star Wars galaxy that is far, far away. Star Wars projects will vary depending on availability from LEGO headquarters, but will include age-appropriate new models including the Imperial Star Destroyer, First Order AT-ST, Yoda's Starfighter, Darth Vader Transformation, A-Wing, Millennium Falcon, and more. Students will also build a wide assortment of non-Star Wars motorized LEGO Education technic machines and create their own projects that illustrate science concepts. All students will take home a Lego Star Wars model. Please bring a **peanut free** snack and a drink.

Instructor: Super Science Programs for Kids Staff

CRN 31194 YS679-01 5 sessions

Mon-Fri June 25-29 9:00am-12:00pm

Course Fee \$190

CSI Science

Ages 6-12

Become a Super Science Sleuth! Learn about forensics, crime scene investigation, and crime lab chemistry as you perform experiment 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. Please bring a **peanut free** snack and a drink.

Instructor: Super Science Programs for Kids Staff

CRN 31195 YS629-01 5 sessions

Mon-Fri June 25-29 9:00am-12:00pm

Course Fee \$190



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Chemical Wizardry

Ages 6-12

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 create atomic worm polymers and lava lamp-like blobs. We also demonstrate the Big Bang Cannon, diet Coke and Mentos Geyser, Magic Genie in the bottle, and more. Learning concepts includes atoms and bonding, chemical reactions, polymer chemistry, and more. All students 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. Please bring a **peanut free** snack and a drink.

Instructor: Super Science Programs for Kids Staff

CRN 31196 YS623-01 5 sessions
Mon-Fri June 25-29 1:00-4:00pm
Course Fee \$190

New! Motorized Lego Maker Machines

Ages 6-12

All Lego, all machines, most – motorized. LEGO enthusiasts, have fun building and designing a wide variety of machines and mechanisms that help solve everyday problems! Students then design and construct solutions to these problems using a wide assortment of motorized Lego mechanisms. At the same time, students learn about machines, gears, robotics, forces and motion. Physics concepts, and more. Have fun working with a team, solving real-world problems, and building a wide assortment of unique Lego projects. All students take home a LEGO project designed and made in class. Please bring a **peanut free** snack and a drink.

Instructor: Super Science Programs for Kids Staff

CRN 31197 YS907-01 5 sessions
Mon-Fri June 25-29 1:00-4:00pm
Course Fee \$190

Make & Take

Ages 6-12

Discover the excitement of science and make a variety of toys designed to illustrate science concepts that make learning fun. Most of the projects can be taken home as they are made throughout the week. Make your own working telescope as you learn about the optics of light. Construct an electro-magnet and a working electric motor. Build an adjustable, ball-launching catapult that changes the trajectory of a flinging projectile. 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. Please bring a **peanut free** snack and a drink.

Instructor: Super Science Programs for Kids Staff

CRN 31198 YS632-01 5 sessions
Mon-Fri July 9-13 9:00am-12:00pm
Course Fee \$190

Battle-Bot Robotic Fun

Ages 6-12

Have fun building and creating using your imagination. Students construct a wide range of robot projects throughout the week. Projects include constructing a Battle-Bot from our Robotix modular collection, participating in our robot tug-o' war, Olympic competition, soccer match, and more. Students learn engineering principles in a fun, hands-on atmosphere. This class focuses on building modular robots, not coding. All participants take home a Hexbug robot as part of this class. Please bring a **peanut free** snack and a drink.

Instructor: Super Science Programs for Kids Staff

CRN 31199 YS678-01 5 sessions
Mon-Fri July 9-13 1:00-4:00pm

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Course Fee \$190

Junior Physicians

Ages 6-11

Discover the anatomy of the world's most complicated system - the human body! In this program, students 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 test for blood types, make a map of their tongue, and perform simulated heart and brain surgery, and more. Please bring a **peanut free** snack and a drink.

Instructor: Super Science Programs for Kids Staff

CRN 31200 YS844-01 5 sessions
Mon-Fri July 16-20 9:00am-12:00pm

Course Fee \$190

Computer Programming with Ozobot, Makey Makey and SCRATCH

Ages 6-12

In this exciting program, robotics and coding will become elementary! Have fun expanding your horizons with the learning help of Ozobot – the tiny smart robot. There is no end to the possibilities, as you create a different landscape of adventures, games and coding with Ozobot. Imagine, a learning toy that opens the doors of computer science, STEM education, robotics and coding with simple color-coded commands and “Ozoblocky,” a coding language powered by Google’s Blockly program. Ozobot Bit’s ability to learn your programs, and then play them back is a big game changer to how young minds play and learn. OzoBlockly – a block-based visual editor – offers five steps up modes from Novice to master to appeal to young students and even to challenge the seasoned programmer. Students use markers, tablets and laptops for coding. Please bring a **peanut free** snack and a drink.

Instructor: Super Science Programs for Kids Staff

CRN 31201 YS871-01 5 sessions
Mon-Fri July 16-20 1:00-4:00pm

Course Fee \$190

Lego WeDo Robotics

Ages 6-10

Students build Lego ® models featuring working motors and sensors, program their models on laptop computers, and participate in new unique WeDo challenges. Students develop their skills in Science, Technology, Engineering, and Mathematics. Students use simple drag and drop software and a lap top computer to actually learn how to program robots made from Legos ®. This program offers both Lego 1.2 and all new Lego 2.0 projects LEGO® Education WeDo 2.0 makes elementary science come to life through hands-on tasks, real-world projects, and relevant technology that engages students. Through project-based activities, students’ skills are enhanced across science, engineering, technology, and coding. This unique combination of the LEGO brick, classroom-friendly software, and inspiring, standards-based science projects results in a resource that builds students’ confidence. Please bring a **peanut free** snack and a drink.

Instructor: Super Science Programs for Kids Staff

CRN 31202 YS872-01 5 sessions
Mon-Fri July 23-27 9:00am-12:00pm

Course Fee \$190

Diggin’ For Dinos, Rocking Rocks & Crystal Creations

Ages 6-10

Young scientists will discover the exciting science of archaeology and paleontology as they excavate and assemble complete skeletal replicas from simulated “fossilized” rock. Dig for Tyrannosaurus Rex, Triceratops, Stegosaurus, Velociraptors, Brachiosaurs, and more. Make fossilized plaster replicas of dinosaur teeth, claws, trilobites, and ancient snails. Sort, classify, and take home a variety of shark teeth. Unearth some fascinating facts about rocks, minerals, and crystals. Break open geodes and discover crystals inside Take home a unique mini-



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collection, a rocks and minerals that learned about in the class, a rock and mineral book, unearthed treasures, fossilized shark teeth, and more. Please bring a **peanut free** snack and a drink.

Instructor: Super Science Programs for Kids Staff

CRN 31203 YS624-01 5 sessions

Mon-Fri July 23-27 1:00-4:00pm

Course Fee \$190

Amusement Park Physics

Ages 7-12

Have you ever wondered how they design and build those crazy rollercoasters and other amusement park rides? Join us and learn about friction, gravity, momentum, velocity, and other effects of force and motion as they relate to theme park rides. We'll design, construct, and test loop-the-loops, marble catchers, ball machines, Ferris wheels, swinging amusement rides, and more. This is the way to experiment and build as you learn physics concepts in a fun and activity-based atmosphere! Please bring a **peanut free** snack and a drink.

Instructor: Super Science Programs for Kids Staff

CRN 31204 YS642-01 5 sessions

Mon-Fri July 30-Aug 3 9:00am-12:00pm

Course Fee \$190

Architect & Engineering Challenges

Ages 7-12

Architecture and engineering are the focus of this program. You work to design and build towers, balsa 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 including Whitehouse, the Capitol, and Buckingham Palace! You also build other structures including earthquake proof towers, tall buildings of your own design, and more using a variety of material 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. Please bring a **peanut free** snack and a drink.

Instructor: Super Science Programs for Kids Staff

CRN 31205 YS735-01 5 sessions

Mon-Fri July 30-Aug 3 1:00-4:00pm

Course Fee \$190

New! Oceanography

Ages 9-14

Come and explore the vastness of the ocean from the sandy shore to the unexplored abyss. Students engage in multiple scientific disciplines ranging from ecology and anatomy to geology and chemistry. STEM challenges include creating your first submersible and designing the perfect plankton. This course is both fun and educational. Please bring a **peanut free** snack and a drink

Instructor: Super Science Programs for Kids Staff

CRN 31206 YS902-01 5 sessions

Mon-Fri Aug 6-10 9:00am-12:00pm

Course Fee \$190

Intro. to LEGO & VEX IQ Robotics

Ages 9-14

Have fun building, designing, and programming robots with Lego Mindstorms and 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



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control, and unlimited possibilities. No prior robotic or programming experience is necessary for this class. Please bring a **peanut free** snack and a drink.

Instructor: Super Science Programs for Kids Staff

CRN 31207 YS843-01 5 sessions

Mon-Fri Aug 6-10 1:00-4:00pm

Course Fee \$190

STEM Challenges

Ages 7-12

In this engineering class, students 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, Wooden Coaster Challenge, Structural Engineering Challenge, Magnificent Marble Machine, and a host of other fun contests designed to bring out the engineer in you! Please bring a **peanut free** snack and a drink.

Instructor: Super Science Programs for Kids Staff

CRN 31208 YS873-01 5 sessions

Mon-Fri Aug 13-17 1:00-4:00pm

Course Fee \$190

Space: Infiniti & Beyond

Ages 7-12

Students explore the mysteries of the solar system and the science behind air & space travel. Children discover not only how astronauts get into space, but also how they live and work once they get there. In this advance space program, we will investigate unique **flying machines, including building balloon-copters, boomerangs and a mini hovercraft as take home projects for the children.** Most importantly, they learn first-hand about the aerodynamic properties of flying machines by **building their own Estes® model rockets as well as an intermediate level Estes™ Skywinder rocket!** Once the rockets are completed, children will blast off on a real Mad Science space mission **Live Rocket Launches! This Class is Out of this World!** Please bring a **peanut free** snack and a drink.

Instructor: Mad Science Staff

CRN 31209 YS718-01 5 sessions

Mon-Fri June 25-29 9:00am-12:00pm

Course Fee \$205

Super Slimy Science

Ages 7-12

Join us for a fun-filled week of science experiments and cool projects. Topics include: Slimy Science & Smokey Ice, Lasers & Optics, Science of the Sea and Shocking Science! Children will experience making ooey, gooey slime and Mad Science Putty. They will also take part in an indoor fireworks demonstration while learning about light and color. All students will become "Deep Sea Divers" as they investigate the world below the Ocean's Surface! Come get SLIMED with your Friends! Please bring a **peanut free** snack and a drink.

Instructor: Mad Science Staff

CRN 31210 YS730-01 5 sessions

Mon-Fri July 9-13 9:00am-12:00pm

Course Fee \$205

Red Hot Robots

Ages 7-12

Spend this summer playing with our super cool *Red-Hot Robots!* Discover the world of robots as we investigate the differences between humans and their robotic counterparts - Students will learn how robots use infrared and sensors to discover their environment. Invent your own robot designs using recycled materials. Finally - We use



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hands-on skills to a Robot that you Take Home to “LIVE” with You! Please bring a **peanut free** snack and a drink.

Instructor: Mad Science Staff

CRN 31211 YS716-01 5 sessions
Mon-Fri July 16-20 1:00-4:00pm
Course Fee \$215

Radical Reactions & Detective Science

Ages 7-12

Students will have tons of fun mixing up potions and experimenting with all kinds of chemical reactions! Our young chemists will **Grow Crystals, Create Sidewalk Chalk, and make chromatography T-Shirts** to take home. Students will also become science sleuths as they investigate how chemistry provides evidence at the scene of a crime. During hands-on detective work, children will gather & test “crime scene” clues, make & analyze their own fingerprints, so much more! **Become a Junior Chemist in Class!** Please bring a **peanut free** snack and a drink.

Instructor: Mad Science Staff

CRN 31212 YS637-01 5 sessions
Mon-Fri July 23-27 9:00am-12:00pm
Course Fee \$205

Brixology

Ages 7-12

This Brixology Class sets the foundation for our next generation of makers! Children learn about different types of engineering and then team up to construct a different engineering-themed project **using MAD SCIENCE EXCLUSIVE LEGO® bricks!** They learn about aerospace engineering while assembling a space station. They explore mechanical engineering as they build boats and vehicles. That's not all – from carnival rides to drawing machines, mechanical animals to truss bridges, your future engineer will build upon their creativity to solve real-world design challenges, while developing their problem-solving and team-building skills. **Let the tinkering and building begin!”** Please bring a **peanut free** snack and a drink.

Instructor: Mad Science Staff

CRN 31213 YS878-01 5 sessions
Mon-Fri July 23-27 1:00-4:00pm
Course Fee \$205

New! Eureka! Flight to the Future

Ages 7-12

Calling all innovators! Bring your imagination and let it SOAR as you create a squadron of paper airplanes the Wright brothers would be proud of! Explore technological advances in flight: hot air balloons, flying machines, and spacecraft. Launch a variety of stomp rockets, and even take one home! Learn about lasers, microgravity, and space stations. Become inspired by Verne and Asimov and build submarines, brainstorm the telecommunications and transportation of the future. This class culminates with students building their own sci-fi inspired light sabers that they can take home, along with their dreams of the future! Please bring a **peanut free** snack and a drink.

Instructor: Mad Science Staff

CRN 31214 YS903-01 5 sessions
Mon-Fri July 30-Aug 3 9:00am-12:00pm
Course Fee \$205

Mad Machines & Junior Engineers

Ages 7-12

Do you love to build or destroy them, this week of class includes lots of both! The junior Mad Science engineers design and build Bridges and “Skyscrapers” and even construct a Geodesic Dome! This journey includes many different machines, simple & complex, we use in our daily lives. Students have fun building their own Catapults,

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WE RECOMMEND THAT YOU REGISTER AT LEAST ONE WEEK IN ADVANCE OF THE COURSE START DATE.



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Sonic Race Car and much more to take home from this Awesome class! This class is a Sonic Blast! Please bring a peanut free snack and a drink.

Instructor: Mad Science Staff

CRN 31215 YS635-01 5 sessions

Mon-Fri July 30-Aug 3 1:00-4:00pm

Course Fee \$205

New! CRAYOLA: World of Design

Ages 7-12

CRAYOLA®: World of Design is a class that takes kids on a journey to the edges of their imagination – and beyond! They learn about Mars, the rainforest, and cities of the future, and get engaged in the creative design process to solve real-world problems. Each day focuses on a specific field of design, and our young architects, illustrators and graphic designers develop their ideas from concept, to sketch, to finished product. They bring their concepts to life by experimenting with Crayola® products, and exploring art techniques like sculpting, storyboarding, mixed media, and collage. Combining art, design, fun active games and inspiring themes from around the world, this class is designed to inspire! Please bring a **peanut free** snack and a drink.

Instructor: Mad Science Staff

CRN 31216 YS904-01 5 sessions

Mon-Fri Aug 6-10 1:00-4:00pm

Course Fee \$205

New! Aeronautics, Engineering, and Physics Fun!

Entering Grades K-5

During this class students study the science of flight as they design, construct, and test various types of aircrafts such as gliders, air rockets, rotary wings, blimps, and parachutes. Students also build other machines capable of launching projectiles through the air or helping them to land safely back onto the ground. We utilize team challenges to strengthen teamwork and problem solving skills, as well as some individual projects for participants to bring home. Please bring a **peanut free** snack and a drink.

Instructor: Smartycat Kids Staff

CRN 31217 YS905-01 5 sessions

Mon-Fri July 9-13 1:00-4:00pm

Course Fee \$205

New! Slime Lab and Cool Chemistry

Entering Grades K-5

Would your child love to create all different types of ooey-goopy slime? Would they enjoy mixing together substances to watch how they change and react? Then this is the program for them! Throughout the week, students learn how to create many different types of slime in order to explore different areas of science - from learning about polymers to observing physical vs. chemical changes, to exploring biology and natural places we can find slimy substances. Students also conduct various other safe and fun chemical reactions to make substances bubble, fog, ooze, or erupt. Please bring a **peanut free** snack and a drink.

Instructor: Smartycat Kids Staff

CRN 31218 YS908-01 5 sessions

Mon-Fri July 30-Aug 3 1:00-4:00pm

Course Fee \$205

New! LEGO and Technology Engineering Workshop

Entering Grades K-5

This program combines all of the most popular building and technology kits for kids! We conduct activities and team challenges using LEGOs, Motorized K'nex, Magnetix, Erector Sets, Snap Circuits, and more. Lessons are designed to strengthen skills within the STEM subjects: science, technology, engineering, and math. Whether



KIDS & TEENS PROGRAMS Summer 2018

constructing structures, building and testing circuits, creating motorized machines and vehicles, or exploring physics and engineering - students have a blast in this class! Please bring a **peanut free** snack and a drink.

Instructor: Smartycat Kids Staff

CRN 31219 YS906-01 5 sessions
Mon-Fri Aug 6-10 1:00-4:00pm
Course Fee \$205

Edible Science

Ages 6-12

Now Finally You can EAT your Experiments. This class is designed to transform the kitchen into a *science* lab. By incorporating the following life science, biology, chemistry, solar system exploration and earth sciences into these simple experiments. Where Science and Food meets. Students will eat them up! Please bring a **peanut free** snack and a drink.

Instructor: Sara Doctofsky

CRN 31220 YS886-01 5 sessions
Mon-Fri Aug 13-17 9:00am-12:00pm
Course Fee \$180



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BEFORE AND AFTER CARE

Raritan Valley Community College is pleased to offer both Before and After Camp Care. If you would like your child to take part in an extended day program that allows you to bring your child as early as 7:30 am and pick your child up at or before 6 pm, please indicate on the Registration Form.

WEEK	CRN	BEFORE COST	CRN	AFTER COST
June 25-29	31223	\$35	31230	\$55
July 9-13	31224	\$35	31231	\$55
July 16-20	31225	\$35	31232	\$55
July 23-27	31226	\$35	31233	\$55
July 30-Aug 3	31227	\$35	31234	\$55
August 6-10	31228	\$35	31235	\$55
August 13-17	31229	\$35	31236	\$55

Before-Care: Participants are supervised on campus from 7:30 – 9:00 am during the weeks and days listed above. RVCC’s experienced staff ensures your child’s safety and prompt check-in at their regularly scheduled programs. You may enroll in any or all of the weeks in which your child is attending a program.

After-Care: At the end of the regular day, children enrolled in this program remain on campus where they participate in a variety of supervised activities until 6:00 pm. You may enroll for any or all of the weeks in which your child is attending a program. Participants are not permitted to remain on campus following the end of their regularly scheduled program day without authorized supervision.

Refunds: No refunds can be provided for cancellation/withdrawal from Before or After Care.

REGISTRATION and PAYMENT must include full payment of tuition and fees along with fully completed Registration Form at the time of registration.



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LUNCH COVERAGE (Lunch is not included)

Raritan Valley Community College's is pleased to offer Lunch Coverage. Participants are supervised on campus from 12:00-1:00pm during the weeks and days listed below. **You must send your child with a peanut free lunch!** RVCC's experienced staff ensures your child's safety and prompt check-in at their regularly scheduled programs. You may enroll in any or all of the weeks in which your child is attending a program. To take advantage of this service, the child must be enrolled in a morning and afternoon class.

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

WEEK	CRN	COST
June 25-29	31237	\$15
July 9-13	31238	\$15
July 16-20	31239	\$15
July 23-27	31240	\$15
July 30-Aug 3	31241	\$15
August 6-10	31242	\$15
August 13-17	31243	\$15

Refunds: No refunds can be provided for cancellation/withdrawal from Lunch Coverage.

REGISTRATION and PAYMENT must include full payment of tuition and fees along with fully completed Registration Form at the time of registration.



KIDS & TEENS PROGRAMS Summer 2018

REGISTRATION INFORMATION *Register Early! Classes are cancelled for under enrollment several days in advance. We recommend that you register at least ONE week in advance of the course start date. Many of our classes have limited enrollment and fill quickly. Sign up early to insure a place in the course of your choice.*

Registration includes full payment along with fully completed Registration Form.

IN-PERSON

Our office is located on the first floor of Somerset Hall, Room S147. Register Monday through Friday from 8:30 am to 4:00 pm.

ON-LINE REGISTRATION

www.raritanval.edu/youth

MAIL

Complete the registration form and mail it with a check or money order made payable to RVC College to:

RVCC – Kids & Teens Programs
P.O. Box 3300, Somerville, NJ 08876

Youth registrations cannot be done by phone.

View our courses: www.raritanval.edu/youth

Phone: 908-526-1200, Ext. 8404 E-mail: youth@raritanval.edu

COURSE CONFIRMATION & LOCATION

Approximately 5 days before the start of your course, a confirmation notice is emailed containing all necessary information. If you have not received the confirmation regarding your course within 2 business days of the course starting date, please call 908-526-1200, Ext. 8404. There are no refunds because you did not receive confirmation.

CANCELLATION & REFUND POLICY

The Youth Program operates on a self-supporting budget based on tuition income. We are pleased to offer you a refund for your course provided you adhere to the following refund policy and process. We regret that there can be no exceptions to the following cancellation policy due to an individual's personal or professional circumstances. If the College cancels a course prior to the first class, registrants receive the entire tuition and fees refunded. Please allow 4 to 6 weeks for processing and mailing of your refund. No refund can be provided for cancellation/withdrawal by the student without written notification at least ten (10) business days prior to the start date of the course. Registrants canceling their enrollment in writing ten (10) or more business days in writing before the beginning of a course receive a full refund less a non-refundable registration fee of \$15. The written request should include: student ID number, home address, home telephone number, the course name and course number or CRN. Please fax your request to 908-725-2831 or mail it to RVCC, College Advancement, PO Box 3300, Somerville, New Jersey 08876 or email to youth@raritanval.edu. The College reserves the right to limit registrations, combine like courses and to cancel courses if enrollment is insufficient. If the College cancels a course we will contact you by either telephone or email. At that time, you may choose to register for another course or have your refund processed. All refunds are sent by mail to the student.

DISABILITY ACCOMMODATIONS

If your child has a disability and you have questions or want to request accommodations, please contact the Coordinator of Disabilities Services. The College provides services in accordance with federal legislative guidelines and RVCC Policies and Procedures. Reasonable accommodations are approved on a case-by-case basis. We request that documentation of disability and request for accommodations be presented at least three weeks prior to the beginning of classes.

We offer the option of providing some programs off site. In addition to the convenience of offsite programs, this option allows you the freedom to tailor any of our programs to your individual needs.

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