

**2023 SUMMER SCHOLARS PROGRAM
COURSE DESCRIPTIONS**

VIRTUAL REALITY

(Grades 4-6)

Create your own augmented reality and immersive virtual reality environment with 3D world-building tool Co-Spaces. You'll learn how to add characters and code simple programs to bring their actions to life. Use Merge Cube and VR goggle and mobile devices to experience your world as if you were standing in it. You will have the opportunity to test and perfect your world with help from your fellow world builders.

+++++

CREATE YOUR ADVENTURE

(Grades 4-6)

Imagine designing a piano using celery, creating an interactive board game, or an adventure full of obstacles. Now, envision playing a video game using energy, wire and your own imagination. You can create your own customized video game controllers using a Makey device, Scratch software and materials that can be found in almost any home. Through circuits, scratch coding, engineering, and video game design, you'll discover new ways to interact with technology, while creating unique games in a fun collaborative environment.

+++++

THE SECRET TO FINANCIAL CENTS

(Grades 5-8)

Students will learn basic financial skills while having fun! They compete to balance a budget while navigating unexpected expenses. Students will practice comparison shopping, bill paying and long-term savings goals. They will learn practical money skills to help learn the value of earning money using a fun allowance allocation game. This class will culminate in each student developing a financial plan.

HOW TO MAKE YOUR MONEY GROW

(Grades 5-8)

Students will use computer simulations to plan, budget and invest for real life situations! Students will participate in discussions debating what the best choices are in real life scenarios to help them become fiscally responsible young adults. We will research and compete between classmates with different saving and investing simulations! This will culminate in each student developing their own personal plan for budgeting, saving, and investing for short- and long-term goals.

+++++

WORK IT! YOUNG ENGINEERS GET THE JOB DONE

(Grades 4-6)

Get hands-on with the basics of engineering and experiment with simple machines and basic structures that help us get the job done! Scholars will create catapults, marble runs, cars, and more. Students will study basic concepts of engineering, apply those concepts to construction, and use what they create to complete fun challenges.

+++++

CSI: MYRTLE BEACH

(Grades 5-8)

Students will investigate a crime scene, which includes the untimely demise of Ms. Petunia Wilson. We will collect and process the evidence and come up with a recommendation for the Myrtle Beach CSI about who committed the crime.

**2023 SUMMER SCHOLARS PROGRAM
COURSE DESCRIPTIONS**

CRIMINOLOGY

(Grades 6-9)

Students will learn and investigate how to secure and process a crime scene. Some CSI basics will be covered such as: crime scene sketching, vandalism analysis, science of arson, DNA technology, fiber evidence and analysis. This crime scene will include a collection of three crimes that will be solved by our junior CSI's.

+++++

I CAN'T RESIST PAINTING

(Grades 3-6) - **LAB FEE - \$10**

Students will have the opportunity to experiment with paint and the effects of paint blocking media on paper and canvas. Sometimes there's an attraction and sometimes there's a resist. The results are unique to each painting. Students won't be able to "resist" the mixed media painting techniques and colorful result.

+++++

ADVANCED I CAN'T RESIST PAINTING

(Grades 6-9) - **LAB FEE - \$10**

This is a class for students who have some experience with painting and would like more practice using resist materials. Will there be an attraction? Can you resist painting again? Come join the painting fun.

+++++

Designing Websites: Technology Here We Go!

(Grades 3-5)

In our world today, technology has become a part of every aspect of our lives. In this class, students will learn how to create and maintain their own website; just one way we can organize and share information in our global society.

DESIGNING WEBSITES: TECHNOLOGY HERE WE GO!

(Grades 6-8)

In our world today, technology has become a part of every aspect of our lives. In this class, students will learn how to create and maintain their own website; just one way we can organize and share information in our global society.

+++++

ROWDY ROBOTS

(Grades 3-5) - **LAB FEE - \$10**

Want to build a robot? Students will explore simple machines, motors, robots, and how they have changed the landscape of society. Students will construct mechanical robots that perform various functions and determine how the different components produce motion.

+++++

ROWDY ROBOTS

(Grades 6-8) - **LAB FEE - \$10**

Want to build a robot? Students will explore simple machines, motors, robots, and how they have changed the landscape of society. Students will construct mechanical robots that perform various functions and determine how the different components produce motion.

+++++

IT'S A BRAIN THING

(Grades 3-6)

Come and explore the most amazing machine in the world, the human brain. Learn how it is structured, how it communicates, how it learns, and how it drives each of us to do what we do. Learn how we learn, why we forget, and how we perceive and interact with the world around us. Does the appearance and color of our food affect its taste? See how you can maneuver through obstacles without using sight. Join us for hands-on experiences and watch your brain think about . . . itself!

**2023 SUMMER SCHOLARS PROGRAM
COURSE DESCRIPTIONS**

HISTORY’S MYSTERIES

(Grades 3-6)

Was the "Lost Colony of Roanoke" really lost? Where is Theodosia? Was she lost anywhere near Blackbeard's ship? How did Amelia Earhart's plane disappear without a trace? Was the World War I ship, the USS Cyclops, stolen or did it sink? Can you solve the wartime mysteries behind the creation of the Frisbee, Silly Putty, and the Slinky? How was Teddy Roosevelt saved from an assassin's bullet? Bring your best detective & inference skills and be prepared to think critically as we delve into History's mysteries.

+++++

MORE HISTORY’S MYSTERIES

(Grades 6-9)

What could be historic about an old lunch counter from a Department Store? Could President McKinley’s night shirt reveal his cause of death? What role did a small box, called the Enigma, play in helping the Allies defeat Germany in WWII? What is the deal with the Bermuda Triangle? What can a sample of Einstein’s brain tell us about intelligence? Bring your best detective and inference skills and be prepared to think critically as we delve into MORE History’s mysteries.

+++++

IT'S A CONSPIRACY!! OR IS IT??

(Grades 4-8)

Do you believe in UFO's? What was going on at Area 51? Did the US actually land astronauts on the moon, or was it staged? When John F. Kennedy was assassinated, did Lee Harvey Oswald act alone? What were the connections between Abraham Lincoln and John F. Kennedy? Throughout history, conspiracy theories flourish. In this class, we will examine and debate some of the greatest conspiracy theories in American history.

+++++

CREATING WITH CANVA

(Grades 3-6)

Do you enjoy art, design, and technology? Students will learn how to create using Canva, a powerful platform to explore the ins and outs of graphic design while creating vision boards, posters, digital art, and more. You will learn how to use different features in Canva to create your own designs. You will be amazed to see how creative you can be with this fun digital design program! Students will have a digital portfolio of their creations.

+++++

CREATING GRAPHIC DESIGN FOR FUTURE ENTREPRENEURS

(Grades 6-9)

Student entrepreneurs will create their own idea for a business and then use the digital program, Canva, to create marketing materials. Students will learn the basics of branding and design to make cohesive marketing materials and graphics. Some of the marketing materials include business cards, menus, flyers, logos and more. By the end of the course, students will have a portfolio that can be shared with family and friends.

+++++

SUMMER SCHOLARS ESCAPE ROOM

(Grades 5-8)

Will you be able to “break out” of the class within a certain amount of time? You can if you collaborate and use the clues left around the classroom! Students will practice escaping from both digital and physical escape rooms. Students will either create an escape room as a class for others to break out of within the allotted time or by escaping out of a final room.

+++++

SPANISH IN ACTION

(Grades 3-6)

¡Bienvenidos a España! This class will simulate what it feels like to travel around Spain. Most of the class will be conducted in Spanish and students will be encouraged to use the language every day. Students will participate in various cultural activities. All levels of Spanish literacy are welcome. ¡Hasta luego!