

Class	Grade
Adventures in RoboRealm Robotics	3-6
Do you enjoy the excitement of robotics competitions? Would you like to learn how to build and program a VEX Go robot to compete in a mini-Robotics Competition? In this course you will learn how to build and modify a VEX Go robot to complete tasks on an Ocean Science Exploration field or a Mars Math Expedition field. This course will culminate in a VEX Go robotics competition which will be viewed by friends and family.	
It's a Brain Thing	3-6
We will explore the most amazing machine in the world, the human brain! We will 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, how we perceive and interact with the world around us. Does the appearance, and color, of our food affect its taste? Can you quickly train someone, or be trained to do a simple task? See how you can maneuver through obstacles without the use of sight. Can memory techniques and understanding different learning styles make you smarter? Come and let's explore our brains!	
Public Speaking	6-11
Public speaking is a life skill, and kids need to learn these communication skills from a young age. Practicing public speaking through games and activities makes speaking and listening fun.	
Discover, Design, Print: Introduction to 3D Printing	3-6

Students will learn how to use an online platform to introduce them to the world of 3D printing. Students will have the chance to create and print their own 3D designs.	
Amazing Animals	3-6
Discover some of the amazing talents that animals possess. Immerse yourself into an animal's perspective through hands on experiments. Have you ever wondered how arctic animals stay warm? Discover the incredible camouflage of an octopus and learn how the crow can actually act like they are your friend!	
Carolina by Design: Geometry of our Home State	4-6
Students will explore geometry through iconic South Carolina landmarks, cultural sites, natural environments, and man-made structures. Students will analyze geometric shapes, 3-D solids, symmetry, cross sections, and spatial relationships found in real-world places across the state.	
Math in Motion	4-8
Think math is boring? Think again. Discover cool math secrets: What is infinity? Why can't we divide by zero? And is there such a thing as the biggest number? In Math in Motion, we will turn math into games, tricky puzzles, brainteaser challenges, and real-world problem solving while we think like mathematicians using logic - not luck.	
Psychology of Perception	6-11

Did you know that your brain can trick your eyes, your ears, and even your feelings? In Psychology of Perception we will explore mind-bending optical illusions, test your senses through fun experiments, art projects, and hands-on activities, to learn how our emotions and attention affect our thinking, and how two people can see the same thing differently-and why that's actually awesome.	
CSI: Myrtle Beach	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.	
Criminology	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	3-6
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 results.	
"Dip, Drip, & Design"	6-11

Taking a class on mosaics, resin, and hydro dipping is like diving into a world where creativity has no limits! You get to swirl, pour, and dip your way into stunning art pieces. One moment you're placing colorful mosaic tiles into eye catching patterns, the next you're pouring glossy resin that shines like glass, and then - Boom- you're hydro dipping vibrant designs that look like magic unfolding right before your eyes. It's messy, hands-on, and unbelievable fun!	
Spanish in Action	4-8
¡Viva el Español! This class will bring Latin culture to you and invite you to explore Latin American through hands-on activities. You will enjoy talking and practicing simple Spanish, making crafts, creating slide shows, playing interactive computer activities, and participating in fun group games.	
Designing Websites: Technology Here We Go!	5-8
In our world today, technology has become a part of almost 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.	
History's Mysteries	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

5-8

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 ??

5-8

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.

Summer Scholars Escape Room

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.	
4 T's Time Machine	3-5 and 6-11
Come with us as we hop in our 4 T's time machine. We will travel back to explore our home, Horry County, in days gone by. You will complete an archeological dig of the past as we experience Native American culture along the Waccamaw River through pottery. Experience the aspects of daily life in colonial South Carolina by making homemade indigo dye and writing with a feather quill. We will check out Horry County's historical timeline for our local economy: turpentine, timber, tobacco and tourism to create our own tourist attraction! Come with us, let's explore!	
Space in Scale - Building the Solar System	6-11
Think space is big? Let's prove it. From tiny Mercury to massive Jupiter, Space in Scale brings the solar system to life through hands-on building and creative exploration. Students discover planet sizes, motion, and composition while constructing a detailed solar system model to take home.	
Mini Worlds: Exploring Earth's Biomes	6-11

Ever wonder what it is like to build your own world? Students will dive into ecosystems by designing and creating their own living biome terrarium. From deserts to rainforests, learners explore climate, organisms, and environmental interactions through hands-on investigation.

Work It! Young Engineers Get the Job Done

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, build and race cars, compete to transport loads using pulleys and levers, and design and build a contraption to accomplish a job of their choice.