**MIDDLE SCHOOL**

**ENRICHMENT**

**RISING 5TH – RISING 8TH GRADERS**

**ACTING, CREATIVE PLAY AND MORE – MIDDLE SCHOOL SHAKESPEARE**

Cynde Liffick, Bard Unbound
Rising 5th – Rising 8th Graders
July 6 – 10  •  1 – 4 p.m.
$215
See Page 12 for description.

**ADVANCED ROBOTICS**

**COMPUTER-AIDED DESIGN AND PROGRAMMING FOR COMPETITIONS**

Daniel Bartels, Greg Sesny
Rising 5th – Rising 8th Graders
July 20 – 24  •  1 – 4 p.m.
$215
* Bring a healthy snack and filled water bottle from home each day.

Spend the week working with Collegiate Robotics and our award-winning FIRST Robotics Competition Team, TORCH 5804. Our two primary activities are: 1) Learning to use CAD and other types of software to draw and analyze our team’s FRC robot in 3D and 2) Programming our team’s FRC competition for both the teleoperated and autonomous phases of the competition. In addition to being FRC Robotics coaches, Mr. Bartels and Mr. Sesny are also experienced physics teachers and they will be incorporating physics, mathematics and engineering concepts into camp activities for a true integrative STEAM experience.

Daniel Bartels is the STEAM coordinator for the Middle and Upper Schools at Collegiate. He has taught physics and mathematics since 2002 and has developed and mentored FIRST Robotics teams since 2004. Greg Sesny is a physics teacher in Collegiate’s Upper School and a mentor of our robotics team.

For more information, contact Daniel Bartels at daniel_bartels@collegiate-va.org.

**ANIMATE IT**

Dan Bell
Rising 5th – Rising 8th Graders
July 6 – 10  •  9 a.m. – 12 p.m.
$215
* Bring a healthy snack and filled water bottle from home each day.

From simple cartoon TV shows to commercials to big-budget 3D animated films, animation is everywhere and it’s a medium that has told some of the most iconic stories of our time. It’s an age-old craft that has grown by leaps and bounds over the years with the advent of new technologies, but the basic techniques of making still images come to life with movement remain the same. Using these techniques, campers will explore the different types of animations including 2D hand-drawn, stop-motion, animated GIFs, 2D digital using Adobe Flash and 3D animations. This camp is for beginners as well as experienced animators. No experience required!

Animate It will be taught by Collegiate Middle School technology teacher Dan Bell. He has taught digital design and media production at the K-12 level for almost 10 years and has worked professionally as a media producer for over 10 years.

For more information, contact Dan Bell at dan_bell@collegiate-va.org.

**ARCHERY**

HNS Archery Center – Marcy Reese
Rising 5th – Rising 8th Graders
Session I: June 8 – 12  •  1 – 4 p.m.
Session II: July 13 – 17  •  1 – 4 p.m.
HNS Archery Center
$230
* Bring a healthy snack and filled water bottle from home each day.

This camp is designed to give beginning archers a solid foundation for the enjoyment of a lifetime sport. Archers will discuss range safety, equipment knowledge, sportsmanship, leadership and shooting ability. Mental concentration and self-improvement are emphasized. Archery influences behavior, self-esteem, confidence and on-task behaviors. Students will work at their own pace and will not compete against others but rather work on their individual shooting scores during the week.

Pick up and drop off for this camp will be at Collegiate School. Campers will be transported to HNS Archery Center in a Collegiate bus. Students are not required to have their own bows and may share bows and arrows during the camp or they may purchase their own bow at the store, if desired.

Students will be instructed by Marcy Reese, a graduate of George Chapman Archery Technical School and Virginia’s only certified female bow technician. She serves as the head coach for the HNS JOAD Club with more than 30 advanced youth archers. She is also a proud member of the United States Archery Team, USAF, and competes at many national tournaments.

For more information, contact Marcy Reese at va3darchery@comcast.net.
CODEMOJI CODERS 3.0

Codemoji
Rising 5th – Rising 8th Graders
June 29 – July 2  •  1 – 4 p.m.
No camp on Friday, July 3
$185
* Bring a healthy snack and filled water bottle from home each day.

Robots, animations, websites and video games, oh my! Codemoji Codemoji Codemojiers learn complex coding skills using popularized emojis that represent HTML text. Students build animations, websites and video games; explore multiple coding languages; program robots; create STEM-based projects both on- and off-line; and are encouraged to share their projects when they get home. At each level of the CODEMOJI CODERS programs, students are challenged with age-appropriate activities and no two camp sessions are ever the same.

A Chicago-based, educational technology company, Codemoji teaches computer science skills and a variety of coding languages using a web-based platform that makes coding hands-on, interactive and fun. Coding is the digital literacy of the 21st century.

For more information, contact Kristen Watson at kristen@codemoji.com.

CORE KIDS ACADEMY – GYMNASTICS AND FITNESS – BEGINNER/INTERMEDIATE

CORE Kids Academy
Rising 3rd – Rising 5th Graders
July 27 – 31  •  9 a.m. – 12 p.m.
$215
See Page 14 for description.

DISCOVER THE JAMES RIVER

Robby Turner
Rising 3rd – Rising 7th Graders
June 22 – 26  •  1 – 5 p.m.
$310
See Page 15 for description.

DRONE RACING & OBSTACLE COURSE CHALLENGE

Drobits Company, Greg Sesny, Farley Macdonald
Rising 5th – Rising 8th Graders
July 6 – 10  •  1 – 4 p.m.
$230
* Bring a healthy snack and filled water bottle from home each day.

This program is filled with pure action as students enjoy one of the world’s fastest growing sports, Drone Racing. Campers will first learn about the basic safety of drone flying and the history behind drone racing as a sport. From there, campers will progress through various skill challenges and learn how to perform numerous exercises and maneuvers to become familiar with the drone’s speed and agility. Flight squads will post up against one another in friendly competition when they race themselves and the clock. Students will first maneuver the drone through creative obstacle courses before taking on the challenge of flying for speed. Participants contribute fully in this program as they create the design and help build the obstacle course in preparation for the last day’s final activities and competition.

Greg Sesny is a physics teacher in Collegiate’s Upper School and this will be his second year teaching drone flying camps. Farley Macdonald is a Collegiate Middle School science teacher and has always had an interest in the sciences. He loves when students ask questions and enjoys figuring out how to build things and make them work.

For more information, contact Greg Sesny at greg_sesny@collegiate-va.org.

FINANCIAL LITERACY FOR MIDDLE SCHOOLERS

Tara Connor, Sandy Ting
Rising 5th – Rising 8th Graders
July 6 – 10  •  1 – 4 p.m.
$230
* Bring a filled water bottle from home each day.

Have you already started thinking about your dream job? Do you someday want to own a house? Do you know what type of car you’d like to buy? Do you already have a savings account? Throughout the week in this camp we will be simulating real life financial situations and decisions in a fun, game-like setting. Students will learn about the real-life choices that adults have to make daily concerning finances, and experience the positive and negative surprises that life hands you.

Tara Connor is a Middle School math teacher at Collegiate. She has been teaching elementary and Middle School math since 2007. She also coaches the Middle School Rubik’s Cube team. Sandy Ting is a Middle School math teacher and learning specialist at Collegiate. She also serves as one of the primary operators of the Steven P. Adamson, Jr. ’92 Ropes Course.

For more information, contact Tara Connor at tara_connor@collegiate-va.org.
FUN WITH PHOTOSHOP – INTRODUCTION TO GRAPHIC DESIGN

Dan Bell  
Rising 5th – Rising 8th Graders  
June 22 – 26 • 9 a.m. – 12 p.m.  
$230  
See Page 38 for description.

MAKE A MOVIE

Dan Bell  
Rising 5th – Rising 8th Graders  
June 15 – 19 • 1 – 4 p.m.  
$230  
* Bring a healthy snack and filled water bottle from home each day.

A little more than a century ago, people discovered that playing a series of pictures together creates the illusion of movement, and movies and television have been the most popular form of media and storytelling ever since. If you love movies and TV, and are interested in the process that goes into creating the stories that people around the world spend much of their time and money enjoying, then please join us for a week of fun and a collaborative creative problem-solving! Campers will use professional recording and editing equipment to create their very own short films.

Dan Bell, Collegiate’s Middle School technology teacher, has taught media, design, production and technology at the K-12 level and has worked professionally as a media producer for more than 10 years.

For more information, contact Dan Bell at dan_bell@collegiate-va.org.

MIDDLE SCHOOL MINECRAFTEDU – GALACTIC CRAFTING

Engineering for Kids  
Rising 5th – Rising 8th Graders  
June 29 – July 2 • 9 a.m. – 12 p.m.  
No camp on Friday, July 3  
$175  
* Bring a healthy snack and filled water bottle from home each day.

This camp will immerse students in a fascinating intersection of aerospace and civil engineering, the design of extraterrestrial buildings and structures. Using Minecraft, campers will be challenged to design and build a self-sustaining habitat for themselves on the moon. The campers will learn to use the Engineering Design Process to work through a simulated version of the challenges of space travel in the relatively familiar setting of Minecraft. They will walk away from this camp with a basic understanding of how potential moon bases could be designed and some of the difficulties presented in space travel.

For more information, contact Nick Chitre at centralva@engineeringforkids.net or call 804.548.3828. You can also visit their website at www.engineeringforkids.net/centralva.

MIDDLE SCHOOL NIGHTIME SPORT CAMP WITH ZOMBIE ATTACK

Farley Macdonald  
Rising 5th – Rising 8th Graders  
Friday, June 19  
6:30 – 11 p.m.  
$75  
* Bring a healthy snack and filled water bottle from home each day.

Do you like sports? Do you want to play games with friends late into the night? Do you want to see if you can survive the zombie apocalypse? Join us for a “late nighter” in Seal Athletic Center for an evening of dystopian proportions. Campers will play organized games of paranoia, capture the flag, basketball, contagion and man hunt, for example, all evening while keeping an eye out for “walkers” who could show up at any time. Campers should bring a Nerf gun for personal protection.

Pizza will be provided for dinner. Participants may also bring a late-night snack and drink to enjoy as they wind down the evening with a movie.

Farley Macdonald teaches science in the Middle School at Collegiate and also coaches Middle School football, basketball and softball. He loves seeing kids excel in the sport setting and helping them develop their skills on the playing field.

For more information, contact Farley Macdonald at farley_macdonald@collegiate-va.org.

MIDDLE SCHOOL STEAM – AEROSPACE EDITION

Farley Macdonald, Greg Sesny  
Rising 5th – Rising 8th Graders  
June 15 – 19 • 9 a.m. – 12 p.m.  
$230  
* Bring a healthy snack and filled water bottle from home each day.

Do you often wonder how and why things work? Do you like to design and build stuff? Then this camp is for you. In Middle School STEAM camp, we will design a pneumatic rocket launcher, create a scale model and then build our final product. Throughout the week, campers will discuss the design process, from brainstorming to building within a budget. We will also look at the physics of how the launcher works and learn the skills of teamwork, communication, organization and problem-solving.

Farley Macdonald is a Collegiate Middle School science teacher and has always had an interest in the sciences. He loves when students ask questions and enjoys figuring out how to build things and make them work. Greg Sesny is a physics teacher in Collegiate’s Upper School. He has worked with the Upper School FIRST Robotics Program and he previously founded a FIRST Robotics Team and served as a lead mentor.

For more information, contact Farley Macdonald at farley_macdonald@collegiate-va.org.
MinecraftEDU — MEDIEVAL TIMES

Engineering for Kids
Rising 5th – Rising 8th Graders
June 22 – 26 • 1 – 4 p.m.
$215

* Bring a healthy snack and filled water bottle from home each day.

This camp will introduce students to the many uses of redstone through a medieval-themed adventure of creation, exploration, electrical circuits and castle besieging. Campers will make mine cart tracks to help them gather resources, work together to build their kingdom, and design traps to defend their castle. The campers will learn the basics of movement, mining, building, crafting and, perhaps the most important of all, teamwork. The campers will work together to overcome obstacles, gather resources and solve problems, all while learning the basics of redstone.

Each camper will be able to access the class games in cloud storage which will allow them to continue to edit their game and create many new ones.

For more information, contact Nick Chitre at centralva@engineeringforkids.net or call 804.548.3828. You can also visit their website at www.engineeringforkids.net/centralva.

OUR WORLD IS A GLOBAL VILLAGE

Melanie Marks, Ph.D.
Rising 2nd – Rising 7th Graders
July 13 – 17 • 9 a.m. – 5 p.m.
$425

* Bring a lunch and filled water bottle from home each day.

Explore the world with globe trekker Melanie Marks of Longwood University. Campers will “travel” to Africa, Europe, Asia and Central America to learn about the global village in which we all live. Campers will explore both the developed and developing world, learning how daily life and culture in other nations compares and contrasts with their own.

Be assured that every day of camp will be action-packed, educational and a great deal of fun. Child-friendly videos are used to paint a picture for young learners about what life is like in the travel destinations, with daily activities that include international-themed cooking, arts and crafts, games, children’s literature selections and outdoor play so that campers can enjoy the summer weather.

For example, imagine making your own butter for an English tea party (and speaking with an English accent), creating a s’mores factory with chocolate made from African cocoa beans, barter trading like they do in a Burmese hill tribe, carrying buckets on your head like they do in Guatemala, completing the “water challenge” to address water scarcity like they have in rural Uganda, making fruit kabobs like you could be served in the forests of Zimbabwe, professionally tie-dying shirts using bright African colors, learning how to use chopsticks (and then using them in fun relays), dressing the counselors in rice hats and interesting clothing from Southeast Asia for a fashion show, using Chinese fortunetellers to learn about your future and cooking delicious international foods such as dumplings, egg rolls, fried rice, tortillas and tamales. There are simply too many things to list. An economic system runs through the week in which campers can earn “Global Geld,” the camp currency. The geld can be spent in the international market on the last day of camp.

Dr. Marks is a professor of economics and has led study abroad programs to Guatemala, Thailand, Costa Rica, the Amazon jungle of Ecuador, Dominican Republic, China, Malaysia and Slovakia/Hungary. She is a 2006 winner of the SCHEV Outstanding Faculty Award for the Commonwealth, winner of multiple university and college-level teaching awards and co-owner of an award-winning K-8 curriculum development company whose products are used in many elementary and middle schools through the United States. Global Village camp is an extension activity offered through Longwood University’s Office of International Affairs and College of Business & Economics, and is aimed at promoting cultural awareness, international education and a curiosity about the world. Global Village camp has been in operation since 2003.

For more information, contact Melanie Marks at marksmb@longwood.edu.

PLANNING FOR SUCCESS IN MIDDLE SCHOOL

Caroline Agee, Mary Margaret Ryan
Rising 5th – Rising 6th Graders
July 13 – 17 • 9 a.m. – 12 p.m.
$300

Do you have difficulty staying organized and managing your time throughout the school year? Do you need help with planning ahead for long-term projects and studying for tests? Do you find yourself easily stressed by your busy schedule? Planning for Success in Middle School is a camp that will provide you with practical skills to support your academic success and help you manage stress throughout the school year.

During this course, we will learn all about executive functioning: the cognitive skills that enable individuals to plan, prioritize, get organized, manage time and set and achieve goals. We will identify our individual strengths and weaknesses and learn to maximize our strengths and bolster our weaknesses. We will discuss and practice
strategies in the areas of organization, planning, prioritizing, goal-setting, time management, studying, note-taking and self-advocacy. Additionally, we will learn a variety of stress management techniques and discuss how to apply them throughout the school year.

Caroline Agee is a licensed school psychologist who works at Westhampton Family Psychologists. Caroline conducts comprehensive psychoeducational evaluations, provides individual and group counseling for students, and consults with families to support students with learning differences. Caroline holds a bachelor’s degree in psychology, and a master’s degree and education specialist degree in school psychology. Mary Margaret Ryan has been teaching for 21 years in private and public schools in the Richmond area. Mary Margaret holds a bachelor’s degree in early childhood education/elementary education, a master’s degree in special education K-12 and an education specialist degree with a concentration in literacy and writing. Her extensive experience in working with students with varying challenges has led her to her current job as a Middle School learning Specialist and Middle School mindfulness coordinator at Collegiate, where she has been employed for 14 years.

For more information, contact Caroline Agee at cagee@wfpofva.com.

POETRY WORKSHOP
Charlotte Harrison, Upper School English Teachers
Rising 5th – Rising 8th Graders
July 27 – 31 • 1 – 4 p.m.
$215
* Bring a filled water bottle from home each day.

If you’re passionate about writing or you’re interested in learning about a new writing form, this camp is perfect for you! This weeklong program will introduce students to poetry and expose them to works by countless talented poets such as Ocean Vuong and Robert Frost. Students will learn and experiment with various poetic forms in a fun and inspiring environment, and finish the week with a book of their own original work.

Charlotte Harrison is a rising Collegiate senior and self-published author of three poetry books. Aside from speaking at TEDxYouth@RVA and the VAIS Day in the Arts Festival, her work is used as curriculum material at schools in the Richmond area. The Collegiate faculty overseeing the camp are all Upper School English teachers.

For more information, contact the Summer Quest Office at summerquest@collegiate-va.org.

THE RESPONSIBLE CITIZEN – FUTURE COUNSELORS AND LEADERS
Carolyn Villanueva
Rising 7th – Rising 8th Graders
July 20 – 24 • 9 a.m. – 4 p.m.
$400
* Bring a healthy snack and filled water bottle from home each day.
* Lunch will be provided.

Leading and impacting others requires an understanding of oneself, empathy towards others, active engagement, personal reflection, and meaningful inquiry. This camp is designed to help you develop and practice these leadership skills. Led by Carolyn Villanueva, you will explore your own identity, share your own story and learn from the stories of others. In the morning, invited speakers and activities will be used to reveal these leadership skills. Each afternoon, campers will directly apply these skills as counselors assisting in a variety of camp settings. Campers will return the following day to share and reflect on their experience and leadership.

Carolyn Villanueva is a Collegiate Middle School English/humanities teacher with 19 years of teaching experience. She frequently designs curriculum that fosters deep thinking through a global lens.

For more information, contact Carolyn Villanueva at carolyn_villanueva@collegiate-va.org.

ROPES COURSE AND LEADERSHIP SKILLS
Brad Cooke, Michael Brost
Rising 7th – Rising 9th Graders
Session I: June 15 – 19 • 9 a.m. – 12 p.m.
Session II: June 22 – 26 • 9 a.m. – 12 p.m.
$230

Leaders are not born, they are developed. This camp offers participants the chance to explore and develop their leadership skills and capabilities through classroom sessions and exclusive use of the new Stephen P. Adamson, Jr. ’92 Ropes Course. Students will overcome challenges and obstacles both on the ground and in the air as they develop a deeper understanding of their leadership style, the importance of teamwork, respect for others, the ability to problem-solve and much more.

Brad Cooke is an Upper School history teacher and the Director of Outdoor Collegiate. Michael Brost is a Middle School history teacher and a certified John Maxwell Leadership coach.

For more information, contact Brad Cooke at brad_cooke@collegiate-va.org.

“My daughter loves Summer Quest camps. I regret not enrolling her in more this year – won’t make that mistake next year!”
SEW FUN

Sew Fun – Amy O'Brien
Rising 5th – Rising 8th Graders
Session I: June 15 – 19 • 9 a.m. – 12 p.m.
Session II: June 22 – June 26 • 9 a.m. – 12 p.m.
Sessions I and II can be taken as stand-alone camps.

$215 per session

Are you great at remembering to text your friends but not so great at remembering the text in the books you read? Do you wish you were better organized and knew some definite skills aimed at helping you study effectively? Would you like a concentrated look at reading and study skills that will give you a leg up when school starts again? Study Skills is a class that will give you that leading edge among your classmates.

During this course, we will look at active, multi-sensory comprehension strategies for reading both fiction and nonfiction books. Using games, art and movement, we will read a variety of texts, including Charlie Higson’s, The Enemy, to master reading strategies. Small group sessions will also allow the chance to learn study skills and strategies suitable for use in all subject areas and to examine/determine student learning styles and different teaching styles. Students will receive instruction suited to their needs.

Dr. Kristeen Koebler has taught a variety of subjects at Collegiate School since 1989, including English, ancient world history and reading. After more than 20 years at Collegiate, she retired but remains involved with Summer Quest for her 22nd year.

For more information, contact Kristeen Koebler at kkoebler@collegiate-va.org.

SUMMER STEAM ACADEMY

SESSION I: TOOLS OF SCIENCE
ROCKET SCIENCE AND MINI COMPUTERS

Daniel Bartels, Carolyn Villanueva
Rising 6th – Rising 8th Graders
Session I: June 29 – July 2 • 9 a.m. – 3 p.m.
Session II: July 6 – 10 • 9 a.m. – 3 p.m.
No camp on Friday, July 3

$315

• Bring a healthy snack and filled water bottle from home each day.
• Lunch will be provided.

Well, actually, yes – this is rocket science. Rockets are the workhorses of the space industry and space science. We’ll begin the week building and launching entry-level model rockets (no experience required) and progress to more advanced models over the course of the week. We will use modeling and simulation software and sensors used in national rocketry competitions and explore the physics of rockets. We will also study gravity (and microgravity) research and explore the current state of the Commercial Space Industry.

In this session, we will become acquainted with the Raspberry Pi mini computer and the Arduino Uno microcontroller. Everyone will take home an Arduino and programmable RGB LED Pixel Shield (think pretty lights) that we assemble and learn to program during the week. These devices are small but powerful. Among its many uses, the Pi can run Minecraft, is an excellent platform for learning to code in multiple languages and can even be used for home automation and security. Both the Arduino and Pi can be used for projects such as automatic pet feeders or texting you when your plants need to be watered. We will explore how the Pi can be used to join a network of citizen scientists worldwide to make real contributions to science – such as running climate change models, folding proteins or looking for undiscovered neutron stars and asteroids. We will also spend some time with the National Instruments RoboRIO (used by FIRST Robotics teams) and LIDAR devices and other sensors.

SESSION II: ASTRO EXPEDITIONS
STARLORE AND ART

Daniel Bartels, Carolyn Villanueva
Rising 6th – Rising 8th Graders
Session II: June 22 – 26 • 9 a.m. – 12 p.m.
$225 for Session II (all materials included)

• Bring a healthy snack and filled water bottle from home each day.
• Lunch will be provided.

The ways we see and understand our universe have changed over time. Since the beginning of humanity, we have looked up into the sky and have sought out an explanation for what we see; from human-centered perspectives to the multiverse, constellations and creation myths to Hubble telescope images and contemporary art.

This week, we will explore our universe through global mythology, the building of a planetarium and visits to the Virginia Museum of Fine Arts and the Science Museum of Virginia. Additionally, on this expedition, we will have the opportunity to use telescopes, astrophotography cameras and virtual reality tools. Through this interactive and engaging week, we will learn how scientific-discoveries in astronomy have impacted how we see the world.

Session II of the Summer STEAM Academy is a stand-alone camp, but will also provide a deeper and richer foundation for Session III.

SESSION III: SPACE SCIENCE
ROLLER COASTERS TO BLACK HOLES

Daniel Bartels, Carolyn Villanueva
Rising 6th – Rising 8th Graders
Session III: July 13 – 17 • 9 a.m. – 3 p.m.
$385

• Bring a healthy snack and filled water bottle from home each day.
• Lunch will be provided.

Just last year the very first image of a blackhole was captured by a team of international scientists. This week, we’ll explore the events that led up to this as well as some of the math and science behind it.
Since gravity is the fundamental force at play here, we’ll also focus our studies there, and what better way to study gravity during the summer than to ride some roller coasters.

Session III of the Summer STEAM Academy is a standalone camp, but will be enhanced by participation in Session II.

Daniel Bartels is the STEAM coordinator for the Middle and Upper Schools at Collegiate. He has taught physics and mathematics since 2002 and has developed and mentored Collegiate’s FIRST Robotics teams since 2004. Carolyn Villanueva is a Collegiate Middle School English/humanities teacher, with 19 years of teaching experience. She frequently designs curriculum that fosters deep thinking through a global lens.

For more information on the Summer STEAM Academy sessions, contact Daniel Bartels at daniel_bartels@collegiate-va.org.

TIME TO START COOKING

Mia White
Rising 5th – Rising 8th Graders
July 20 – 24 • 1 – 4 p.m.
$230

* Bring a filled water bottle from home each day.

If your preteen or teenager loves to cook and wants to develop their cooking techniques while having fun, the time has arrived. This hands-on, inspiring cooking camp will enable them to develop essential skills needed to conquer the kitchen – even if they’ve never boiled an egg! Participants will be introduced to the pleasures of preparing and enjoying “real food” that is both nutritious and delicious – an essential step toward health and well-being. Students will learn basic cooking skills, the joy of eating and cooking a variety of foods using fresh fruits, vegetables, ingredients from around the world and much more.

Mia White is the executive director of Canterbury Community Nursery School. She is an early childhood educator and a certified holistic health counselor accredited by the American Association of Drugless Practitioners (CHHC, AADP). She is also the author of Raw Vitalize, a book on how to supercharge your health in 21 days. Mia has been teaching for more than 15 years.

For more information, contact Mia White at mwhite67@comcast.net.

TOP CHEF – MIDDLE SCHOOL EDITION

Jessamy Austin, Chris Berry
Rising 5th – Rising 8th Graders
June 15 – 19 • 1 – 4 p.m.
$240

* Bring a filled water bottle from home each day.

Who said the Top Chef shows only happen in Hollywood? This summer, these shows have nothing on Collegiate’s Top Chef Camp for Middle School students.

Sign up your students in Grades 5-8, to cook and compete in this hands-on, inspiring cooking camp that helps campers to develop their skills in the kitchen and gain confidence when competing. Participants need no prior experience, just a desire to learn the pleasure of preparing and enjoying delicious meals while playfully competing against their fellow campers.

Collegiate’s Top Chefs and instructors are Jessamy Austin and Chris Berry, the dynamic duo form Collegiate’s Activity Quest program. Jessamy has been with Collegiate since 2011 and has a passion for cooking. Chris Berry has been with Collegiate since 2017. He enjoys mixing it up in the kitchen and has a competitive streak that will come in handy during this camp. Have your chefs join Jessamy and Chris in the kitchen this summer.

For more information, contact Jessamy Austin at jessamy_austin@collegiate-va.org

VIRGINIA FISHING ADVENTURES

Virginia Outside
Rising 4th – 9th Graders
July 6 – 10 • 8:30 a.m. – 4:30 p.m.
$575

* Bring a lunch, healthy snack and filled water bottle from home each day.
* Campers should bring their own sunscreen, and wear shoes and clothes that they don’t mind getting wet and dirty.

Virginia Outside has provided Richmond’s youth with material for many fish stories for more than a decade, and most of them are true! This week with Virginia Outside offers campers the opportunity to learn the basics of freshwater fishing in both ponds and rivers. Virginia Outside staff will drive campers to private freshwater ponds and nearby rivers. Safety is No. 1 priority, so all campers will wear life jackets when in the water or on a boat. Also, we maintain a 1:5 counselor-to-camper ratio. This camp has limited spaces, so sign up early!

Virginia Outside provides all bait and tackle, rods and reels and life jackets. Please visit www.virginiaoutside.com for pictures from past sessions and for a detailed description of our weekly activities.

For more information, contact Shay Wilson at shay@virginiaoutside.com or 804.272.6362.
**VIRGINIA FLY FISHING ADVENTURES**

Virginia Outside  
Rising 5th – Rising 9th Graders  
Aug. 3 – 7  •  9 a.m. – 3 p.m.  
$500  
* Bring a lunch, healthy snack and filled water bottle from home each day.  
* Campers should bring their own sunscreen, and wear shoes and clothes that they don’t mind getting wet and dirty.

Join Virginia Outside for a week of exploring the ins and outs of fly-fishing. This camp is a combination of classroom and on-the-water experience during which campers will learn the basics of fly-fishing from the cast to the knots to the flies to the fish. Campers will complete the requirements of the Boy Scouts fly-fishing merit badge through this program as well, including the ultimate – catching fish on their own hand-tied flies. Campers should come away from the week as self-sufficient flyrodders. No fly-fishing experience necessary!  

Virginia Outside provides all bait and tackle, rods and reels and life jackets. For a detailed description of weekly activities, you can visit www.virginiaoutside.com.  

Pickup and drop-off for this camp will be at Luck Hall, located on the Collegiate Lower School campus.  

For more information, contact Shay Wilson at shay@virginiaoutside.com or 804.272.6362.

**VIRGINIA KAYAKING & FISHING ADVENTURES**

Virginia Outside  
Rising 5th – Rising 10th Graders  
Session I: June 8 – 12  •  8:30 a.m. – 4:30 p.m.  
Session II: July 27 – 31  •  8:30 a.m. – 4:30 p.m.  
$575 per session  
* Bring a lunch, healthy snack and filled water bottle from home each day.  
* Campers should bring water shoes, hat, sunscreen, lunch and water bottle. Don’t forget your waterproof camera!  

Join Virginia Outside for an introduction to kayaking and kayak fishing. Our staff will instruct campers on safety, paddling and general maneuvering of a sit-on-top kayak. As campers learn throughout the week at various locations, we will incorporate fishing, sightseeing and touring while paddling on all types of water. We will fish ponds, float stretches of the James and head east to some tidal marshes.  

A kayak is a great way to get close to nature and we expect to see bald eagles, ospreys, herons, deer and beaver. When fishing, our catch will include large and smallmouth bass, catfish, sunfish, crappie, spot, croaker and maybe a redfish or two. Kayaks, paddles, life vests and fishing gear are provided by Virginia Outside.  

Pickup and drop-off for this camp will be at Luck Hall, located on the Collegiate Lower School campus.  

For more information, contact Shay Wilson at shay@virginiaoutside.com or 804.272.6362. You can also visit the Virginia Outside website at www.virginiaoutside.com.

**VIRGINIA OUTSIDE – MOUNTAIN BIKING**

Virginia Outside  
Rising 3rd – Rising 8th Graders  
Session I: June 8 – 12  •  8:30 a.m. – 3:30 p.m.  
Session II: June 15 – 19  •  8:30 a.m. – 3:30 p.m.  
Session III: Aug. 10 – 14  •  8:30 a.m. – 3:30 p.m.  
$550 per session  
* Bring a lunch, healthy snack and filled water bottle from home each day.  
* Campers should bring sunscreen, an extra T-shirt, socks, shorts, closed-toe shoes, a bathing suit, towel and sense of adventure!  

Richmond has some of the best urban mountain biking trails around! Join the staff of Virginia Outside for daily instruction, trail rides and lots of fun. Campers will develop beginner and intermediate mountain biking skills including steering, shifting, hill climbing and descending, log hopping, dodging obstacles, etiquette, maintenance, safety and more.  

Campers will ride about two-thirds of the time, then enjoy an activity such as tubing or swimming on the James River most days. Virginia Outside provides mountain bikes, life vests and helmets, but campers are welcome to bring their own.  

Pickup and drop-off for this camp will be at Luck Hall, located on the Collegiate Lower School campus.  

For more information, contact Shay Wilson at shay@virginiaoutside.com or 804.272.6362. You can also visit the Virginia Outside website at www.virginiaoutside.com.

**VIRGINIA OUTSIDE – OUTDOOR ADVENTURE**

Virginia Outside  
Rising 5th – Rising 8th Graders  
Session I: Aug. 3 – 7  •  8:30 a.m. – 4:30 p.m.  
Session II: Aug. 17 – 21  •  8:30 a.m. – 4:30 p.m.  
$550 per session  
* Bring a lunch, healthy snack and filled water bottle from home each day.  
* Campers should bring sunscreen, an extra T-shirt, socks, shorts, closed-toe shoes, a bathing suit, towel and sense of adventure!  

Join us for a sampling of the awesome outdoor adventure Richmond has to offer. We will spend the week fishing, orienteering, kayaking, tubing, and rock climbing with RVA Climbs.  

Pickup and drop-off for this camp will be at Luck Hall, located on the Collegiate Lower School campus.  

For more information, contact Shay Wilson at shay@virginiaoutside.com or 804.272.6362. You can also visit the Virginia Outside website at www.virginiaoutside.com.
**VIRTUAL REALITY – DEVELOPMENT AND ARCADE**

Daniel Bartels  
Rising 5th – Rising 8th Graders  
July 20 – 24 • 9 a.m. – 12 p.m.  
$230

* Bring a filled water bottle from home each day.

We will spend part of each day collaborating on our own virtual reality creations using Unity3D and the Oculus RIFT and wrap up each day exploring the creations of others, including: games, experiences, 360 movies and more. Most days will begin with a short discussion, including videos of where extended reality technology has come from and where it is going. Extended Reality, XR, includes virtual reality, VR, augmented reality, AR, and mixed reality, MR.

Campers will also have the opportunity to use the Microsoft Hololens (a wearable holographic computer) and our Garmin VIRB 360 Degree camera as well as other softwares (Autodesk Inventor, 3DS Max, etc) that are useful in creating VR content. We expect a wide range of previous experience with VR among campers and will strive to create a differentiated learning environment that meets the needs of all campers. Campers that choose to focus mainly on development will acquire skills that they can continue build on after the week concludes.

Daniel Bartels is the STEAM coordinator for the Middle and Upper Schools at Collegiate. He has taught physics and mathematics since 2002, and has developed and mentored Collegiate’s FIRST Robotics teams since 2004.

For more information, contact Daniel Bartels at daniel_bartels@collegiate-va.org.

**WEB BUILDING – INTRODUCTION TO WEB PROGRAMMING**

Dan Bell  
Rising 5th – Rising 8th Graders  
July 13 – 17 • 9 a.m. – 12 p.m.  
$215

* Bring a healthy snack and filled water bottle from home each day.

You can bake cookies from scratch or you can buy slice ‘n’ bake. Similar processes are available for creating websites; you can build a site with code or you can drag and drop content within a program someone has already coded. Campers will be exposed to both methods: They’ll learn HTML code according to their skill level and will experience other web creation tools to produce one-of-a-kind websites. They will also learn the fundamentals of the design and conceptual aspects of what makes the web function behave as it does today.

Students will receive a digital copy of their work so they can continue creating at home.

Dan Bell is a Collegiate Middle School technology teacher. He has taught media, design, production and technology at the K-12 level for 10 years and has worked professionally as a media producer for more than 10 years.

For more information, contact Dan Bell at dan_bell@collegiate-va.org.

**WRITING AND CREATIVE THINKING WORKSHOP**

**DOWN THE RABBIT HOLE – TURNING STORIES FROM YOUR LIFE INTO FICTION**

Bird Cox, Richmond Young Writers  
Rising 5th – Rising 8th Graders  
June 29 – July 2 • 1 – 4 p.m.  
No camp on Friday, July 3  
$175 per session

* Bring a filled water bottle from home each day.

Some days, things just don’t go your way like when you go to post a selfie and get transported into another dimension, or when you discover your baby sister is not actually teething, but is a brain-hungry zombie. Then there’s that annoying problem of trying to keep your superpowers on the down-low. We get it. It’s hard being you. Join us as we do a little story swapping about the perils of being unusual.

Does your aunt Edith remind you of a talking pelican? Do you absentmindedly draw mountains on everything? Do your memories of that trip to Florida bring to mind images of being stranded on a deserted island? All of the true stories that make up our lives are rich material from which to create bigger, brighter, crazier ideas, sometimes with magic involved. In Down the Rabbit Hole, we’ll be digging deep to turn memories and thoughts about real life into wild, uncharted fictional territory.

For more information, contact Richmond Young Writers at bird@richmondyoungwriters.com.