

gifted and talented

# Summer Scholars '12

Summer enrichment for gifted and talented students entering grades 3 through 9 in the fall of 2012



**30 Unique Courses!** Culinary Arts  
Art, History & Self Expression  
Career Exploration  
Science, STEM & Problem Solving  
Technology & Digital Arts

Choose an all-day session (9 a.m. - 4 p.m.)  
**OR** mix and match morning and afternoon sessions

## 2012 Course Dates \_\_\_\_\_

Week 1: July 9-13

Week 2: July 16-20

Week 3: July 23-27

Week 4: July 30 - Aug. 3

**Space is limited... register now!**

For more information, call (410) 334-2815,  
visit [www.worwic.edu/SummerScholars](http://www.worwic.edu/SummerScholars)  
or e-mail [summerscholars@worwic.edu](mailto:summerscholars@worwic.edu)

**WOR-WIC**  
COMMUNITY COLLEGE





**Welcome** to Summer Scholars at Wor-Wic Community College, the summer enrichment program specifically designed for gifted and talented students entering grades three through nine in the fall of 2012.

With lots of new topics to choose from, your child can become a myth buster, hunt for high-tech “treasure,” serve on a jury, plan a broadcast news segment, build a robot, design a video game, solve a mystery or whip up tasty dishes in our restaurant kitchen! Students will enjoy “going to college” on our beautifully-landscaped campus, with its state-of-the-art “smart” classrooms and computer labs.

We look forward to welcoming your child to Wor-Wic for another summer of learning, creativity and **FUN** for students entering grades three through nine in the fall of 2012!

### Why not sign up with a friend?

Courses are offered in one-week formats. For the summer of 2012, courses will run as follows:

- Week 1: July 9-13
- Week 2: July 16-20
- Week 3: July 23-27
- Week 4: July 30 - Aug. 3

We offer both half-day and all-day formats, so you can design a summer program that fits your schedule and your child’s interests. Courses are divided into three time slots: AM courses, which run from 9 a.m. to noon; PM courses, which run from 1 to 4 p.m. and ALL DAY courses, which run from 9 a.m. to 4 p.m. with a supervised lunch hour.

## Culinary Arts

In the following cooking courses, you can be a “chef for the week” in Wor-Wic’s state-of-the-art kitchen! Prepare — and eat — tempting and healthy dishes. Learn how to develop balanced and delicious menus. Hone your math skills as you measure ingredients and adapt recipes. Understand food safety and key nutrition principles, including healthy alternatives to traditional fare. Take home a set of recipes to share with family and friends.

*Note: All cooking classes are open to students entering grades four through nine. Cooking assignments will be appropriate to the maturity and skill level of the student. Returning students to “Kids’ Cooking Goes Global” will have a chance to make different dishes than they prepared the last time!*

### The Kids’ Café **NEW!**

Explore the creative and entrepreneurial aspects of culinary arts as you manage your own “Kids’ Café.” You will prepare delicious three-course meals daily in Wor-Wic’s state-of-the-art kitchen including: Paninis, Soups of the World, and Grilled Chicken and Veggie Brochettes. With budget and appropriate nutritional guidelines in hand, you will create a menu, design advertising and make reservations for your personally-invited guests at “A Day at the Kids’ Café.” Café activities will also include a small food product to offer for “purchase” such as cake pops, a spice blend or chocolate covered pretzel rods. Prepare your team for the “Cup Cake Wars!” You will learn the various positions in a small café/bakery and assume responsibility for making the Kids’ Café successful. There is no prerequisite for this course.

Instructor: Bonnie Aronson, Wor-Wic Community College

**For students entering grades 4-9:**

**July 9-13, 9 a.m.-4 p.m., Course #ZSMS-073-0023**

**July 16-20, 9 a.m.-noon, Course #ZSMS-084-0040**

### The Art and Science of Cooking **NEW!**

Discover the artistic *and* scientific aspects of the culinary world as you prepare multi-course meals each day including: Fresh Strawberry Parfait, Grilled Shrimp Caesar Salad, Homemade Chix Fingers with Oven Roasted Fries and “Bake and Take” Chocolate Cookies. Learn the art of “garde manger” with “hands-on” experience carving a melon basket and tomato rose. Garnish dessert plates with cocoa shadows and fruit puree. Use a microscope to study the cell structure of a lettuce leaf and discover why the early addition of salad dressing wilts your salad. Learn how yeast helps make the “perfect pizza” dough and how to “throw it.” Participate in team “Spice Wars” as you select and prepare recipes that feature one of the seven top herbs and spices with proven health benefits, like oregano, cinnamon and curry. Discover molecular gastronomy and explore culinology through food science experiments. And can you believe...we’ll EAT our discoveries? There is no prerequisite for this course.

Instructor: Bonnie Aronson, Wor-Wic Community College

**For students entering grades 4-9:**

**July 16-20, 1-4 p.m., Course #ZSMS-077-0041**

**July 23-27, 9 a.m.-4 p.m., Course #ZSMS-085-0055**

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## Culinary Arts, continued

### Kids' Cooking Goes Global

Cook your way around the globe as you "visit" the far off and exotic countries of China, Japan, England, Ireland, Spain, Mexico and the Mediterranean countries of France, Italy, Africa and Greece. Prepare Mom's Homemade Lasagna and authentic Barcelona Style Paella. Fold Chinese Egg Rolls and Pot Stickers, dine on Bangers and Mash with Scotch Eggs, and enjoy North African Chicken Tagine and Couscous. Classic French Dessert Crepes and American Chocolate Chip Cookies are the sweet rewards of your whirl-wind "tour." There is no prerequisite for this course.

**Instructor:** Bonnie Aronson, Wor-Wic Community College

**For students entering grades 4-9:**

**July 30 - Aug. 3, 9 a.m.-4 p.m., Course #ZSMS-035-0065**

## Art, History & Self Expression

### American Girls through History **NEW!**

Whether fighting for independence, farming on the frontier, escaping slavery, surviving an enemy raid or planting a victory garden during WWII, girls throughout American history have had lives full of adventure, resourcefulness and fun. Explore the history and culture of a different girl each day from the American Girl series by engaging in activities designed to bring history alive including crafts, games, music, dance and food. Throughout the week, you'll create a scrapbook of your experiences bringing the worlds of these American Girls to life.

**Instructor:** Fawn Mete, Worcester County Public Schools

**For students entering grades 3-5:**

**July 9-13, 9 a.m.-4 p.m., Course #ZSMS-065-0015**



### Readers' Theater

Make poems, songs and stories come alive with theatrical skits and presentations. Take both published and original selections from paper to stage through a myriad of techniques, including improvisation, puppetry, makeup, costumes and different types of dramatic reading. Practice basic vocal expression and body movement to convey emotion. Present a final performance to an audience of peers, friends and family. Put on your costume, tune up your voice and polish your instruments for a dynamic week of literary interaction!

*Note: "Readers' Theater" and "Writing Comes Alive!" are designed as companion sessions, but they can also be taken independently of one another.*

**Instructor:** Sarah Fielding, Wicomico County Public Schools

**For students entering grades 3-5:**

**July 16-20, 1-4 p.m., Course #ZSMS-007-0030**

**For students entering grades 6-9:**

**July 16-20, 9 a.m.-noon, Course #ZSMS-007-0033**

### Writing Comes Alive!

If you've thought about being a writer and sharing your creations, if you have a colorful imagination and like to create fantasies and if you can see the extraordinary in the ordinary world, this course is for you! Create original character sketches, short stories, fiction, creative non-fiction and poems. Learn the principles of good writing, then use and practice these "no fail" techniques to guarantee great writing while putting your original thoughts to words. Travel outside the classroom to observe and write as well as find the unusual in everyday objects. Select your favorite piece(s) and publish a class literary magazine. With this experience, you could be the next famous author whose work everyone wants to read!

*Note: "Writing Comes Alive!" and "Readers' Theater" are designed as companion sessions, but they can also be taken independently of one another.*

**Instructor:** Susan Ward, Wicomico County Public Schools

**For students entering grades 3-5:**

**July 16-20, 9 a.m.-noon, Course #ZSMS-016-0027**

**For students entering grades 6-9:**

**July 16-20, 1-4 p.m., Course #ZSMS-016-0039**

### What our students say:

"The courses you had are awesome."

"Readers' Theater was the most fun of any class I ever attended!"

"Awesome! Best course ever! I am going to recommend this to my friends and maybe even take it again!"

"I had a very great and awesome time here, and I would love to come back next year."



## Art, History & Self Expression, continued

### Fine Art Time Travel **NEW!**

Travel through time with this “hands-on” art class. Start with prehistory and make your own pastels from clay. Discover where paints and pigments come from. Create original art inspired by different time periods and cultures throughout the world. Try your hand at art techniques from ancient times until today, including painting, relief art, collage and more. Use a variety of materials, including pastels, acrylics, watercolor, clay, charcoal, assemblage and mixed media. Get to know the work of famous artists like Leonardo Da Vinci, Pablo Picasso, Georgia O’Keeffe, Louise Nevelson, Jackson Pollock and Edouard Manet.

**Instructor:** Kate Cashman, Random Juxtaposition Art Studio

**For students entering grades 3-5:**

**July 23-27, 1-4 p.m., Course #ZSMS-069-0045**

**For students entering grades 6-9:**

**July 23-27, 9 a.m.-noon, Course #ZSMS-068-0048**

### What’s Your Sign? **NEW!**

Have you always wanted to learn how to sign? Immerse yourself in American Sign Language (ASL) with no voices allowed! Use basic signing skills to develop finger spelling while engaging in conversations. Build receptive (listening) and expressive (speaking) ASL skills as you increase your knowledge of deaf culture. Participate in a panel discussion with deaf adults and teens from our local community, and then culminate with a short program showcasing all you’ve learned. No previous knowledge of ASL is needed.

**Instructor:** Melinda Glover, Wicomico County Public Schools

**For students entering grades 4-9:**

**July 30 - Aug. 3, 1-4 p.m., Course #ZSMS-083-0064**

## Career Exploration

### Making News: Broadcast Journalism in Action **NEW!**

Breaking news! This just in! Write, produce, direct, shoot and edit your own television news broadcast. Get ready for a fun-filled week both in front of, and behind, the TV camera. Practice research skills and enhance your writing skills while learning how to research stories and conduct interviews. Use cutting edge technology, learn the ropes of broadcasting and let your creativity and talents shine! Come on, tell a story and make some news!

**Instructor:** Jake Nathan, Wicomico County Public Schools

**For students entering grades 3-5:**

**July 16-20, 1-4 p.m., Course #ZSMS-075-0029**

**For students entering grades 6-9:**

**July 9-13, 1-4 p.m., Course #ZSMS-075-0021**



### Law and Order **NEW!**

Have you ever wondered what really goes on inside a courtroom? Are you considering a career in law or law enforcement? Do you know your rights and how they are applied if you are accused of a crime? Learn about the American legal system including landmark court decisions, famous trials straight from the headlines and unbelievable lawsuits. Throughout the week, you will work in prosecution and defense teams to simulate a criminal law trial by portraying defendants, attorneys, judges and witnesses in a dramatic mock trial simulation. Put your skills to the test as you examine the facts of the case from multiple perspectives. Work in teams to present your side and strive for the verdict you believe will result in justice!

**Instructor:** Fawn Mete, Worcester County Public Schools

**For students entering grades 3-5:**

**July 16-20, 9 a.m.-noon, Course #ZSMS-074-0024**

**For students entering grades 6-9:**

**July 16-20, 1-4 p.m., Course #ZSMS-074-0036**

### Junior Apprentice **NEW!**

Basic skills in electrical, carpentry and plumbing are useful to everyone! Explore the know-how needed, not only for home repair, but also for a future career in electrical, civil or mechanical engineering. Perform a variety of “hands-on” activities while using hand tools. Read and interpret drawings to create a wooden frame table. Learn electrical fundamentals and laws, and then operate multi-meters to measure voltage, resistance and amperage. Create series and parallel electrical circuits using a DC and AC power source, and complete a plumbing project using PVC and copper tubing!

**Instructor:** Butch Azbel, Worcester County Public Schools

**For students entering grades 3-5:**

**July 23-27, 1-4 p.m., Course #ZSMS-072-0046**

**For students entering grades 6-9:**

**July 23-27, 9 a.m.-noon, Course #ZSMS-072-0049**

### Pet Vet **NEW!**

Explore the world of veterinary medicine with a practicing veterinarian. Get introduced to the professionals, animals and technology that make up one of the most exciting professions in the world. Discover how veterinarians think and work. Use real tools and medical equipment as you diagnose and treat your very own “patient.” Learn about body systems, including cardiovascular, respiratory and gastrointestinal, and basic disease processes in animals. Through “hands-on” activities and some live animal contact, you will learn all about being an animal doctor and make connections between animal communication and human communication.

**Instructor:** AnnaMarie Lange, V.M.D., Ph.D.,  
A. Lange Integrative Veterinary Medicine LLC

**For students entering grades 4-9:**

**July 30 - Aug. 3, 9 a.m.-noon, Course #ZSMS-082-0066**



## Science, STEM & Problem Solving

### CSI — Crime Scene Investigation: Wor-Wic

Search for evidence, gather clues and discover how science can help solve a mystery! Classify fingerprints and learn how to do more than just "dust" for fingerprints. Use simulated blood to explore how blood type and DNA can catch a criminal. See science through the eyes of a crime scene investigator! Collect evidence and interpret data, learning numerous scientific strategies and skills. Analyze handwriting, apply chromatography techniques, construct molds and models, identify unknown substances, examine blood droplets and much, much more! Learn about crime scene investigation and crime lab chemistry as you perform "hands-on" experiments designed to show you just how those tricky cases are solved.

**Instructor:** Doug Romano, Worcester County Public Schools

**For students entering grades 3-5:**

**July 9-13, 1-4 p.m., Course #ZSMS-050-0014**

**For students entering grades 6-9:**

**July 9-13, 9 a.m.-noon, Course #ZSMS-050-0017**

### Ooey, Goey, Crazy Chemistry

Discover the mad scientist in you! Mix well-known, and not so well-known, ingredients to create foamy and goey effects. Use fun "hands-on" activities to explore the physical and chemical properties of a variety of elements, compounds and mixtures. Be a "chemistry cook" as you make your own ice cream. Create a lemon clock, yeast monster, homemade quicksand — and more — as you identify the crazy effects of a variety of chemical reactions. You'll be a kooky chemist before this class is over!

**Instructor:** Mandy Hockenbrock, Wor-Wic Community College

**For students entering grades 3-5:**

**July 9-13, 9 a.m.-noon, Course #ZSMS-055-0012**

**For students entering grades 6-9:**

**July 9-13, 1-4 p.m., Course #ZSMS-055-0020**

### Get Psyched! **NEW!**

Did you know that your mind produces electricity? Ever wonder what it would be like to have two brains that don't communicate with one another inside of your head? Want to learn some tricks about how police and other agents can tell if someone is lying, or what "attracts" people to one another? Is it possible to die from not sleeping? Discover the basics of neuroscience and explore a variety of disciplines including abnormal, clinical and social psychology. Learn what makes people susceptible to peer pressure, or why they unconsciously sabotage themselves (or others). Find out the answers to these questions as you are introduced to some of psychology's most classic studies and exciting findings, and get "psyched" about psychology!

**Instructor:** Marc Garlock, Wicomico County Public Schools

**For students entering grades 6-9:**

**July 9-13, 9 a.m.-noon, Course #ZSMS-071-0018**

### Three Cheers for Chess!

Open to both novices and more advanced players, this course is designed to expose students to the techniques, strategies and history of chess. Immerse yourself in this ancient — and international — form of competition. Find out how chess spread from India to Persia, the Arab world and finally to Europe. Discover why we ended up with chess pieces like pawns, rooks and bishops, and what they tell us about life "back then." Improve your powers of concentration, visualization and memory as you learn how to position your pieces and anticipate your opponent's moves. Beginners will learn how to move the pieces and some basic strategy. Intermediate players will discover more sophisticated tactics and learn the intricacies of end games. Use videos, puzzles and "hands-on" exercises to sharpen your skills and strategy. Practice "thinking ahead" in space and time. By the end of the course, you will be ready to try your new skills on friends and family.

**Instructor:** Richard Ziolkowski, Wicomico County Public Schools

**For students entering grades 3-9:**

**July 9-13, 1-4 p.m., Course #ZSMS-046-0022**

### The Sky's the Limit! Adventures in Aeronautics **NEW!**

Humans have always dreamed of flying — and now we can! But how did we achieve that goal — and how is flight even possible? Start at the beginning by exploring how kites were invented and what they were used for. Design and construct your own kite using principles of geometry, measurement, statistics, number relationships and computation. Analyze the mechanics of flight and use what you learn to design your own airplane. Collect data on flight distances and times. Then move on to modern day airplanes, spacecraft and other "flying machines."

**Instructor:** Kathy Martin, Wicomico County Public Schools

**For students entering grades 3-5:**

**July 16-20, 1-4 p.m., Course #ZSMS-078-0031**

**For students entering grades 6-9:**

**July 16-20, 9 a.m.-noon, Course #ZSMS-078-0035**

### Rev Up Your Robots

From R2D2 to the Mars Exploration Rover Mission, robots are part of 21st century life. Find out how robots are used in real life by NASA, the military and others in this introductory robotics course. Immerse yourself in the fascinating world of robotics as you assemble and program your own robots. Learn the fundamentals of robot design, construction and programming while you improve your problem-solving skills — then put them to work! Explore the basics of mechanical design and discover the language of computers. See how wheels, sensors and other features enable your robot to carry out tasks and tricks. This course is designed to provide you with your first exposure to robotics in a non-competitive environment. It will introduce you to concepts and applications of robotics. No previous experience is required.

**Instructors:** Alex McRae (3-5) and Jack DeMorra (6-9), Wicomico County Public Schools

**For students entering grades 3-5:**

**July 16-20, 9 a.m.-noon, Course #ZSMS-060-0025**

**For students entering grades 6-9:**

**July 16-20, 1-4 p.m., Course #ZSMS-060-0037**



## Science, STEM & Problem Solving, continued

### Myth Busters and More **NEW!**

Is finding a needle in a haystack really that hard? Does "double dipping" really spread germs? What has more germs - money or trash cans? Will a football filled with helium have more "hang time" than a football filled with air? Test some of today's most popular scientific myths and explore the science behind the reactions and explosions. Help your class decide what is "truth" or "fiction."

**Instructor:** Jen Zapf, Wicomico County Public Schools

**For students entering grades 3-5:**

**July 23-27, 9 a.m.-noon, Course #ZSMS-076-0044**

**For students entering grades 6-9:**

**July 23-27, 1-4 p.m., Course #ZSMS-076-0053**

### LEGO Robotics — Master Your Mission!

Are you a LEGO robot enthusiast? Design, build, program and test unique robot inventions using the LEGO NXT Robotics Design System. Apply your team-building and problem-solving skills to complete as many LEGO missions as you can. Calculate gear ratios and understand the mechanics of simple and complex machines. Use computer programming techniques such as "line following." Prepare to get "hands-on" with sensors, motors, gears and programmable microprocessors!

*Prerequisite: This course is an advanced robotics course and assumes you have attended "Rev up Your Robots" or you have prior robotics experience.*

**Instructor:** Mark DeMorra, Salisbury University

**For students entering grades 4-9:**

**July 23-27, 9 a.m.-4 p.m., Course #ZSMS-053-0054**

### Whatever Floats Your Boat

Immerse yourself in Wor-Wic's boat building and racing competition and discover what it takes to be a marine engineer. Construct and launch battery-powered models. Get "hands-on" experience with hydrodynamics and ship powering with your team of H2O engineers. Ask tough questions as you meet new challenges: What shape should your craft have? What materials should it be made out of? Conduct side-by-side races that demonstrate how larger boats are more efficient than smaller ones. Discover how differing hull model configurations affect payload conditions. Apply theories, compare measurements with theoretical predictions and brainstorm new ideas on boat design. With every task, you and your teammates will be put to the test to see which design holds water and which designs are watered down.

**Instructor:** Doug Romano, Worcester County Public Schools

**For students entering grades 3-5:**

**July 30 - Aug. 3, 1-4 p.m., Course #ZSMS-062-0058**

**For students entering grades 6-9:**

**July 30 - Aug. 3, 9 a.m.-noon, Course #ZSMS-062-0061**



### Roller Coaster Physics **NEW!**

Do you like roller coasters? Discover how they work as you explore the physics used by engineers in designing today's roller coasters. Learn that all true roller coasters are completely driven by the force of gravity. Understand why conversion between potential and kinetic energy is essential to all roller coasters. Examine the acceleration of roller coaster cars as they travel around the track. Explore the role of friction in slowing down. Discover just how all the twists and turns happen as you build and design your roller coaster.

**Instructor:** Jen Zapf, Wicomico County Public Schools

**For students entering grades 3-5:**

**July 30 - Aug. 3, 9 a.m.-noon, Course #ZSMS-081-0056**

**For students entering grades 6-9:**

**July 30 - Aug. 3, 1-4 p.m., Course #ZSMS-081-0062**

## Technology & Digital Arts

### Computer Animations with Alice **NEW!**

Learn the art and science of computer programming and animation design using Alice! Developed at Carnegie Mellon University, Alice is an innovative 3D programming environment that makes it easy to create animations in order to tell a story and share it on the Web. Explore the fundamentals of animation and essential programming concepts such as conditional logic, iteration, input and output. Get "hands-on" and use your creativity to generate your own animations. Share results with your classmates! No computer programming experience is needed.

**Instructor:** Ryan Mete, Wicomico County Public Schools

**For students entering grades 3-5:**

**July 9-13, 1-4 p.m., Course #ZSMS-066-0013**

**For students entering grades 6-9:**

**July 9-13, 9 a.m.-noon, Course #ZSMS-066-0016**

### Digital Photography for Kids

Discover the wonders of digital photography and push your creative limits! Learn principles of design and composition to create memorable photos to share with family and friends. Apply your skills by taking a variety of pictures, including natural objects, landscapes and people. Take your digital images to the computer lab and correct for color and light balance. Add some cool special effects. Share and critique photos with your classmates. Participate in a show on the last day of class and take home a CD of your work. **All students must bring a digital camera to class each day.**

**Instructor:** Joseph Gardner, FOTOJOE Photography

**For students entering grades 3-5:**

**July 9-13, 9 a.m.-noon, Course #ZSMS-019-0011**

**For students entering grades 6-9:**

**July 9-13, 1-4 p.m., Course #ZSMS-019-0019**

## Technology & Digital Arts, continued



### Do-It-Yourself Design in Three Dimensions **NEW!**

Explore three-dimensional computer-aided design and drawing using Google SketchUp software. Design the exterior of a house to kick off your journey into the virtual 3D world. Explore a variety of architectural styles such as the magnificent Mayan and Egyptian pyramids, Big Ben, the U.S. Capitol building, as well as European and Asian architectural styles. Then design your own metropolis for Maryland's Governor who has commissioned you to create and plan a new city for the State of Maryland. Use your artistic talent, creative flair and architectural software to create the winning design!

**Instructor:** Rick Dickson, Wicomico County Public Schools

**For students entering grades 3-5:**

**July 16-20, 1-4 p.m., Course #ZSMS-067-0028**

**For students entering grades 6-9:**

**July 16-20, 9 a.m.-noon, Course #ZSMS-067-0032**

### Video Game Design Studio I **NEW!**

Love video games? Why not create your own? Get familiar with the basics of computer technology and programming. Learn the elements of game design, including character sprites, story boarding, coding, level design, animation and event handling. Work with software tools to create and animate your own 2D game world including graphics, music and sound. Build in a variety of challenging levels. Have your friends "test drive" your game and provide you with input that will make your game a sure winner on all levels. Leave with a copy of your game to take and play at home.

**Instructor:** Ryan Mete, Wicomico County Public Schools

**For students entering grades 3-5:**

**July 16-20, 9 a.m.-noon, Course #ZSMS-079-0026**

**July 23-27, 1-4 p.m., Course #ZSMS-079-0047**

**For students entering grades 6-9:**

**July 16-20, 1-4 p.m., Course #ZSMS-079-0038**

**July 23-27, 9 a.m.-noon, Course #ZSMS-079-0050**

### Geek Squad **NEW!**

There's a lot more to computers than gaming and Facebook. Learn what makes them work – or more importantly – what to do when they don't work. You'll explore the ins and outs of computer components in a "hands-on" learning environment as you build a desktop computer from the "ground up." Review computer terminology, install sound and video cards, connect external devices, load the Windows 7 operating system, learn several hardware and software troubleshooting techniques, and prepare a computer for first use. Discover how to deal with common issues like viruses and spyware, as well as basic wired and wireless secure networking procedures.

**Instructor:** Perry Angelonga, Wor-Wic Community College

**For students entering grades 3-5:**

**July 23-27, 9 a.m.-noon, Course #ZSMS-069-0042**

**For students entering grades 6-9:**

**July 23-27, 1-4 p.m., Course #ZSMS-069-0051**

### Geocaching – High-Tech "Treasure" Hunting **NEW!**

Are you a treasure hunter? If the answer is yes, then join in this outdoor high-tech treasure hunt to find hidden containers called "geocaches." Caches can be in containers as large as a toaster or as small as the head of a nail. They can also be a "virtual," which means you are looking for information instead of a container. Discover how GPS (global positioning system) technology works using coordinates (longitude and latitude), then find hidden "treasure" almost anywhere. Through a series of "hands-on" activities and using a GPS device, you'll not only find hidden caches throughout the week but design your own courses as well.

*Prerequisite:* A g-mail account (login and password) so that you can log caches online.

**Instructor:** Chris Cuppett, Wicomico County Public Schools

**For students entering grades 3-5:**

**July 23-27, 9 a.m.-noon, Course #ZSMS-070-0043**

**For students entering grades 6-9:**

**July 23-27, 1-4 p.m., Course #ZSMS-070-0052**

### Make Your First Movie with Stop Motion Animation

Bring your favorite story to life through digital technology! This class gives you an introduction to the exciting world of video production. Learn the dynamics of storytelling as you create your tale using stop-motion animation. Along the way, you'll construct backgrounds, create characters and group them together in a time-sequence to produce your very first short movie. Finish off by inserting sound effects and recording narration. Your story and subjects are limited only by your imagination! Work individually or with a group of friends. Bring your videos and pictures home with you at the end of the week. **All students must bring a digital camera to class each day.**

**Instructor:** Chris Cuppett, Wicomico County Public Schools

**For students entering grades 3-5:**

**July 30 - Aug. 3, 1-4 p.m., Course #ZSMS-026-0059**

**For students entering grades 6-9:**

**July 30 - Aug. 3, 9 a.m.-noon, Course #ZSMS-026-0060**

### Video Game Design Studio II **NEW!**

Ready to take video gaming to the next level? Build a role playing/action game with large maps and customized game play features. Learn advanced elements of game design including dynamic character attributes, customized items and "power-ups," custom sprite creation and animation, and advanced object-oriented programming techniques. Leave with a copy of your game to take and play at home.

*Prerequisite:* Successful completion of Video Game Design Studio I during the summer of 2012 or permission of the instructor.

**Instructor:** Ryan Mete, Wicomico County Public Schools

**For students entering grades 3-5:**

**July 30 - Aug. 3, 9 a.m.-noon, Course #ZSMS-080-0057**

**For students entering grades 6-9:**

**July 30 - Aug. 3, 1-4 p.m., Course #ZSMS-080-0063**

## Week One: July 9-13

Course Title	Course #	Time	Tuition	Fee
<b>For students entering grades 3-5:</b>				
Digital Photography for Kids	ZSMS-019-0011	AM	Wic \$114, Wor/Som \$109	\$15
Ooey, Gooley, Crazy Chemistry	ZSMS-055-0012	AM	Wic \$114, Wor/Som \$109	\$15
Computer Games and Animations with Alice	ZSMS-066-0013	PM	Wic \$114, Wor/Som \$109	\$15
CSI — Crime Scene Investigation: Wor-Wic	ZSMS-050-0014	PM	Wic \$114, Wor/Som \$109	\$15
American Girls through History	ZSMS-065-0015	ALL DAY	Wic \$223, Wor/Som \$211	\$20
<b>For students entering grades 6-9:</b>				
Computer Games and Animations with Alice	ZSMS-066-0016	AM	Wic \$114, Wor/Som \$109	\$15
CSI — Crime Scene Investigation: Wor-Wic	ZSMS-050-0017	AM	Wic \$114, Wor/Som \$109	\$15
Get Psyched!	ZSMS-071-0018	AM	Wic \$114, Wor/Som \$109	\$15
Digital Photography for Kids	ZSMS-019-0019	PM	Wic \$114, Wor/Som \$109	\$15
Ooey, Gooley, Crazy Chemistry	ZSMS-055-0020	PM	Wic \$114, Wor/Som \$109	\$15
Making News: Broadcast Journalism in Action	ZSMS-075-0021	PM	Wic \$114, Wor/Som \$109	\$25
<b>For students entering grades 3-9:</b>				
Three Cheers for Chess!	ZSMS-046-0022	PM	Wic \$114, Wor/Som \$109	\$17
<b>For students entering grades 4-9:</b>				
The Kids' Cafe	ZSMS-073-0023	ALL DAY	Wic \$233, Wor/Som \$222	\$75

## Week Two: July 16-20

Course Title	Course #	Time	Tuition	Fee
<b>For students entering grades 3-5:</b>				
Law and Order	ZSMS-074-0024	AM	Wic \$114, Wor/Som \$109	\$15
Rev Up Your Robots	ZSMS-060-0025	AM	Wic \$114, Wor/Som \$109	\$20
Video Game Design Studio I	ZSMS-079-0026	AM	Wic \$114, Wor/Som \$109	\$15
Writing Comes Alive!	ZSMS-016-0027	AM	Wic \$114, Wor/Som \$109	\$15
Do-It-Yourself Design in Three Dimensions	ZSMS-067-0028	PM	Wic \$114, Wor/Som \$109	\$15
Making News: Broadcast Journalism in Action	ZSMS-075-0029	PM	Wic \$114, Wor/Som \$109	\$25
Readers' Theater	ZSMS-007-0030	PM	Wic \$114, Wor/Som \$109	\$20
The Sky's the Limit! Adventures in Aeronautics	ZSMS-078-0031	PM	Wic \$114, Wor/Som \$109	\$15
<b>For students entering grades 6-9:</b>				
Do-It-Yourself Design in Three Dimensions	ZSMS-067-0032	AM	Wic \$114, Wor/Som \$109	\$15
Readers' Theater	ZSMS-007-0033	AM	Wic \$114, Wor/Som \$109	\$20
The Sky's the Limit! Adventures in Aeronautics	ZSMS-078-0035	AM	Wic \$114, Wor/Som \$109	\$15
Law and Order	ZSMS-074-0036	PM	Wic \$114, Wor/Som \$109	\$15
Rev Up Your Robots	ZSMS-060-0037	PM	Wic \$114, Wor/Som \$109	\$20
Video Game Design Studio I	ZSMS-079-0038	PM	Wic \$114, Wor/Som \$109	\$15
Writing Comes Alive!	ZSMS-016-0039	PM	Wic \$114, Wor/Som \$109	\$15
<b>For students entering grades 4-9:</b>				
The Kids' Cafe	ZSMS-084-0040	AM	Wic \$131, Wor/Som \$125	\$50
The Art and Science of Cooking	ZSMS-077-0041	PM	Wic \$131, Wor/Som \$125	\$50



## Week Three: July 23-27

Course Title	Course #	Time	Tuition	Fee
<b>For students entering grades 3-5:</b>				
Geek Squad	ZSMS-069-0042	AM	Wic \$114, Wor/Som \$109	\$20
Geocaching — High-Tech “Treasure” Hunting	ZSMS-070-0043	AM	Wic \$114, Wor/Som \$109	\$25
Myth Busters and More	ZSMS-076-0044	AM	Wic \$114, Wor/Som \$109	\$20
Fine Art Time Travel	ZSMS-069-0045	PM	Wic \$114, Wor/Som \$109	\$25
Junior Apprentice	ZSMS-072-0046	PM	Wic \$114, Wor/Som \$109	\$44
Video Game Design Studio I	ZSMS-079-0047	PM	Wic \$114, Wor/Som \$109	\$15
<b>For students entering grades 6-9:</b>				
Fine Art Time Travel	ZSMS-068-0048	AM	Wic \$114, Wor/Som \$109	\$25
Junior Apprentice	ZSMS-072-0049	AM	Wic \$114, Wor/Som \$109	\$44
Video Game Design Studio I	ZSMS-079-0050	AM	Wic \$114, Wor/Som \$109	\$15
Geek Squad	ZSMS-069-0051	PM	Wic \$114, Wor/Som \$109	\$20
Geocaching — High-Tech “Treasure” Hunting	ZSMS-070-0052	PM	Wic \$114, Wor/Som \$109	\$25
Myth Busters and More	ZSMS-076-0053	PM	Wic \$114, Wor/Som \$109	\$20
<b>For students entering grades 4-9:</b>				
LEGO Robotics — Master Your Mission!	ZSMS-053-0054	ALL DAY	Wic \$223, Wor/Som \$211	\$25
The Art and Science of Cooking	ZSMS-085-0055	ALL DAY	Wic \$233, Wor/Som \$222	\$75

## Week Four: July 30 - Aug. 3

Course Title	Course #	Time	Tuition	Fee
<b>For students entering grades 3-5:</b>				
Roller Coaster Physics	ZSMS-081-0056	AM	Wic \$114, Wor/Som \$109	\$25
Video Game Design Studio II	ZSMS-080-0057	AM	Wic \$114, Wor/Som \$109	\$15
Whatever Floats Your Boat	ZSMS-062-0058	PM	Wic \$114, Wor/Som \$109	\$20
Make Your First Movie with Stop Motion Animation	ZSMS-026-0059	PM	Wic \$114, Wor/Som \$109	\$20
<b>For students entering grades 6-9:</b>				
Make Your First Movie with Stop Motion Animation	ZSMS-026-0060	AM	Wic \$114, Wor/Som \$109	\$20
Whatever Floats Your Boat	ZSMS-062-0061	AM	Wic \$114, Wor/Som \$109	\$20
Roller Coaster Physics	ZSMS-081-0062	PM	Wic \$114, Wor/Som \$109	\$25
Video Game Design Studio II	ZSMS-080-0063	PM	Wic \$114, Wor/Som \$109	\$15
<b>For students entering grades 4-9:</b>				
What’s Your Sign?	ZSMS-083-0064	PM	Wic \$114, Wor/Som \$109	\$25
Kids’ Cooking Goes Global	ZSMS-035-0065	ALL DAY	Wic \$233, Wor/Som \$222	\$75
Pet Vet	ZSMS-082-0066	AM	Wic \$114, Wor/Som \$109	\$20

Time: AM = 9 a.m. to noon; PM = 1-4 p.m.; ALL DAY = 9 a.m. to 4 p.m.

### What our parents say:

“My child has gained a lot of appreciation for cooking from these classes. The whole group was great!”

“My child had an awesome experience. He can’t wait to see what is offered next summer!”

“This class sparked my child’s interest and he is still talking about robots and what he can do with them.”



## Frequently Asked Questions

### Who is eligible?

A student's "gifted and talented" status is determined by his or her school (see the "Verification of Gifted and Talented Status" box at the top of the registration form on the back page). This designation is based on outstanding abilities in the areas of 1) general intellectual capabilities; 2) specific academic aptitudes; or 3) the creative, visual or performing arts. *Note: students who have participated in past Summer Scholars courses must have their eligibility re-verified for 2012.*

Attention Wicomico County parents: all Magnet, TAD and GATE students are automatically eligible (the "verification" box on the registration form must still be completed and signed). If your child is not in Magnet, TAD or GATE, please work with your school to determine if your child qualifies for Summer Scholars and, if so, have a school representative complete the "verification" box.

### How do we sign up?

Select the sessions you are interested in and complete the registration and parental consent forms. Make sure you have your child's teacher, guidance counselor or appropriate school representative sign the "Verification of Gifted and Talented Status" box at the top of the registration form. Submit the forms and payment in one of three easy ways: **fax** to (410) 334-2952; **mail** to Continuing Education and Workforce Development Division, Wor-Wic Community College, 32000 Campus Dr., Salisbury, MD 21804; or **stop by** to see us in the Workforce Development Center, Room 102, on the campus of Wor-Wic Community College.

Class sizes are limited and registrations are on a first-come, first-served basis. Please note that full payment and all requested information, including verification of gifted and talented status, student information and parental consents, must be included with your registration. To help ensure your first choice of classes, please submit all registrations by **June 1**. *Due to Wor-Wic's transition to a new data system, your payment may not be processed until the week of March 26, 2012, when the new system is activated.*

### Why is there a different tuition for Wicomico County residents?

Residents of Wicomico County pay the "Wic" tuition rate, higher due to the county budget deficit, and residents of Worcester and Somerset counties pay the "Wor/Som" tuition rate shown after each course description. Residents of other Maryland counties or other states pay additional tuition. However, the fees for each course are the same for all participants, regardless of residence. These fees vary by course and cover expenses such as materials and transportation for class trips.

### Is there any financial assistance?

Wicomico County students who are eligible for free and reduced meals could receive financial support for science, math and selected technology courses. Please contact David Harner, Wicomico County Board of Education, at (410) 677-5284 or [dharners@wcboe.org](mailto:dharners@wcboe.org) for more information. Your school, board of education and/or the Delmarva Education Foundation at (410) 219-3336 could have information about other sources of financial assistance.

### My work day is longer than the program sessions. Can I drop off my child earlier and pick him or her up later?

Parents who need extended care can register students through age 15 in before/after care at Wor-Wic's child development center, where they engage in supervised activities and afternoon snack. Students in before/after care are escorted to and from their Summer Scholars classrooms.

Under state licensing requirements, participation in before/after care requires a **separate application process**, including submission of a health inventory and immunization certificate. Applications are accepted on a first-come, first-served basis and must be submitted at least one week before the start of class. Please contact the child development center directly at [www.worwic.edu/StudentServices/ChildDevelopmentCenter.aspx](http://www.worwic.edu/StudentServices/ChildDevelopmentCenter.aspx) or (410) 334-2962 for information and enrollment forms.

Before Care:	7:30-8:45 a.m.	Cost: \$15/week
After Care:	4-5:30 p.m.	Cost: \$20/week
Both Sessions:		Cost: \$30/week

### If I select a morning session and an afternoon session that are different, is my child on his or her own for the lunchtime break?

No, all students who are registered for the entire day have a supervised lunch break on campus in our Student Center, just steps away from where their classroom activities are held. (Students must bring or buy their own lunch.) Students who stay for lunch are escorted to the Student Center and then back to their Summer Scholars classrooms. For your child's convenience, you may also purchase a SoGo card at the Student Center Cafe and automatically fund your child's lunch without worrying about cash transactions each day. The account balance is listed on each receipt and can also be checked online. Go online to [www.sogocashcard.com](http://www.sogocashcard.com) for more information.

### REFUND/WITHDRAWAL POLICY

*All requests for refunds must be received in writing in our office at least **one week** prior to the start of class. No refunds are given after that time.* Please include your name, student name, address, course title and number, and reason.

### CANCELLATION POLICY

The college reserves the right to cancel courses or make changes in any course due to unforeseen circumstances. If a course is cancelled, a full refund will be sent by mail in approximately three weeks.

### NON-DISCRIMINATION POLICY

It is the policy of Wor-Wic Community College not to discriminate on the basis of age, gender, race, color, religion, national origin, marital status, sexual orientation, genetic information or disability in the admission and treatment of students, access to educational programs and activities, and terms and conditions of employment.

For more information, call (410) 334-2815, visit [www.worwic.edu/SummerScholars](http://www.worwic.edu/SummerScholars) or email [summerscholars@worwic.edu](mailto:summerscholars@worwic.edu)

# Parental Consent Form

This form MUST be completed, signed and included with your registration form and payment.

Student's name \_\_\_\_\_ Student's birth date \_\_\_\_\_  
Student's social security number (to be used as student ID) \_\_\_\_\_  
Student's school \_\_\_\_\_ Student's grade level for fall 2012 \_\_\_\_\_  
Mother/ Legal guardian \_\_\_\_\_  
Day phone # \_\_\_\_\_ Cell phone # \_\_\_\_\_  
Father/ Legal guardian \_\_\_\_\_  
Day phone # \_\_\_\_\_ Cell phone # \_\_\_\_\_

Emergency contact(s) authorized to pick up student if parent/legal guardian cannot be reached:

Name \_\_\_\_\_ Relationship to student \_\_\_\_\_ Day phone # \_\_\_\_\_  
Name \_\_\_\_\_ Relationship to student \_\_\_\_\_ Day phone # \_\_\_\_\_

Name(s) of any adult(s) other than those listed above who are authorized to pick up student in lieu of parent/guardian.

Name \_\_\_\_\_ Relationship to student \_\_\_\_\_  
Name \_\_\_\_\_ Relationship to student \_\_\_\_\_

Please indicate any pick up restrictions and attach relevant documentation: \_\_\_\_\_

**Note: All adults (including parents) will be required to sign your student both in and out at the time of pick up and drop off. Parents must provide written authorization in advance if any adult other than those listed above will be picking up the student.**

Physician's name _____	Phone number _____
List all diagnosed allergies (e.g. food, environmental) and other health/medical conditions that we should be aware of, or state none by checking box: <input type="checkbox"/> NONE	
I understand that Wor-Wic Community College <b>will not</b> be responsible for keeping and/or administering medications or monitoring any existing medical condition(s) of my child.	

## Parental Consent/Responsibilities

1. The health information provided is complete and correct to the best of my knowledge and my child has permission to engage in all program activities.
2. I understand that in case of an illness, injury, allergic reaction or any other medical situation or emergency involving my child, Wor-Wic Community College has no healthcare facility or healthcare staff able to provide treatment. College employees will provide necessary and reasonable care for my child and, if deemed necessary, have my child transported to a healthcare facility. I will also ensure that my child has personal medical coverage and accident insurance. Wor-Wic does not provide accident insurance for students.
3. Wor-Wic will not be responsible for keeping and/or administering medications or monitoring any existing medical condition(s) of my child.
4. I authorize the release of my child's placement record to Wor-Wic. This information may be needed to verify gifted/talented status and may be submitted to the Maryland Higher Education Commission along with other enrollment data.
5. I authorize Wor-Wic to confirm my child's participation in Summer Scholars with the child's school and/or board of education.
6. I understand that my child must abide by the rules and regulations of Wor-Wic. Disruptive and inappropriate behavior will not be tolerated and will result in dismissal with no refund.
7. I will not have my child arrive at the classroom earlier than 15 minutes prior to the start of class. I understand that there will be no supervision for my child prior to this time and accept full responsibility for my child's behavior and safety.
8. I will pick up my child promptly after class, unless my child is enrolled in after care. There may be a \$10 late fee charged for every 15 minutes of lateness.
9. My child has permission to be photographed, interviewed or videotaped by Wor-Wic and/or other Summer Scholars participants for publicity, marketing and/or educational purposes.
10. I understand and voluntarily assume all risks inherent in the nature of this activity and I waive and release all claims, costs, liabilities, expenses and judgments against Wor-Wic. I release Wor-Wic and its representatives from liability arising out of my child's participation in Summer Scholars activities at Wor-Wic. Wor-Wic is not responsible for personal items brought or left on campus.

This form must be signed and dated in order for the student to be registered. I certify the above information to be true and correct to the best of my knowledge. I understand that it is my responsibility to notify Wor-Wic of any change in this information. I understand that I am financially responsible for all charges I incur at Wor-Wic and will comply with all of the college's policies and procedures.

Parent/Guardian Signature \_\_\_\_\_

Date \_\_\_\_\_

**YOU MUST COMPLETE AND SUBMIT BOTH SIDES OF THIS PAGE!**

For more information, call (410) 334-2815, visit [www.worwic.edu/SummerScholars](http://www.worwic.edu/SummerScholars) or email [summerscholars@worwic.edu](mailto:summerscholars@worwic.edu)

