

COURSE DESCRIPTIONS

PRESCHOOL CURIOSITY SHOP

NEW! Delicioso!

That's what our days together will be. Through cooking experiences the children will practice math and literacy. The results are sure to be fun while compiling a cookbook for our families.

Cost: \$130

Course #: XXZ-614-ALL July 6 – 10, 9:00 AM – 12:00 PM (Ages 3 – 5)

Course #: XXZ-614-BLL July 6 – 10, 1:00 – 4:00 PM (Ages 3 – 5)

NEW! Mouse in the House

There will be adventures all week centered on stories of daring mice. Each day a different quality book is shared. Using emergent literacy techniques, the preschool campers will learn and laugh.

Cost: \$130

Course #: XXZ-615-ALL July 13 – 17, 9:00 AM – 12:00 PM (Ages 3 – 5)

Course #: XXZ-615-BLL July 13 – 17, 1:00 – 4:00 PM (Ages 3 – 5)

ADVENTURE KIDS

Mermaids and Buccaneers

Ahoy maties! Join our hearty crew of adventurers to sail the world of pirates and mermaids. The pirates of old sang songs and sailed their boats in mysterious seas. Find out about the secretive mermaids, make your own pirate treasure and watch out for that quicksand! Figure out the riddles on the map to find the pirates hidden treasure.

Cost: \$120

Course #: XXZ-448-A13 June 15 – 19, 1:15 – 4:15 PM (Ages 6 – 8)

NEW! Webkinz Camp

Are you a Webkinz fan? Receive a new Webkinz or Lil'Kinz pet and bring this virtual world to life. Discover 'insider tips' that will make your on-line experiences more creative and challenging and earn Camp Kinzcash to spend at the real W shop! When you're not visiting this virtual world you'll be playing games, creating crafts and, of course, having fun. All are welcome even if you're new to Webkinz!

Cost: \$130

Course #: XXZ-587-A16 June 22 – 26, 9:00 AM – 12:00 PM (Ages 6 – 10)

Course #: XXZ-587-B16 June 22 – 26, 1:15 – 4:15 PM (Ages 6 – 10)

Course #: XXZ-587-C16 August 3 – 7, 9:00 AM – 12:00 PM (Ages 6 – 10)

Course #: XXZ-587-D16 August 3 – 7, 1:15 – 4:15 PM (Ages 6 – 10)

BUSINESS & SOCIAL KIDS

NEW! Biz Kids

Do you have an idea for a business? Try it out here! Work with a team to plan your new business including how to find the money to get started. Design your product or service and then develop a logo and other marketing items to get the word out. And, finally, learn what you need to know to keep your business growing and profitable.

Cost: \$115

Course #: XXZ-589-A34 July 6 – 10, 9:00 AM – 12:00 PM (Ages 8-9)

Course #: XXZ-589-B78 July 20 – 24, 9:00 AM – 12:00 PM (Ages 12-13)

NEW! Communication Solution!

Do you have what it takes to be a leader? Get started here by strengthening your communication and conflict resolution skills. Communication conflicts happen no matter what we do and skilled leaders know how to resolve these situations. Through interactive activities and role-play you'll learn how perception, creative problem solving and good old listening can help you be the leader you are meant to be!

Cost: \$105

Course #: XXZ-599-A68 July 13 – 17, 1:15 – 4:15 PM (Ages 11 – 14)

Today's Etiquette for Today's Kids

You think manners don't count? Think again! You'll have the clear advantage now and in the future when you've got your act together. Whether it's mealtime manners, technology, etiquette or greetings and introductions you'll WOW your family, teachers and friends with your poise and confidence. Never under-estimate the power of your behavior!

Cost: \$125

Course #: XXZ-447-A36 July 13 – 17, 9:00 AM – 12:00 PM (Ages 8 – 11)

COOKING KIDS

NEW! Creative Cooking

Forget meals from boxes and get cooking from scratch! Impress friends and family by preparing foods using different techniques such as roasting, baking and sautéing. Make a pie crust from scratch and a delicious filling, learn how to ice and decorate a cake, make your own salad dressings and, of course, taste everything you make! Finally, create your own gourmet pizza with homemade crust to take home and share with your family. Wear closed toed shoes and long pants (no sandals or shorts in the kitchen). Aprons and hair nets will be provided. This camp will meet at the Carroll County Career & Technology Center (CCCTC). Go directly to CCCTC at the scheduled time and a Kids@Carroll staff member will be there to greet you.

Cost: \$125

Course #: XXZ-602-A69 July 13 – 17, 1:15 – 4:15 PM (Ages 11 – 14)

Course #: XXZ-602-B69 July 27 – 31, 1:15 – 4:15 PM (Ages 11 – 14)

NEW! Kids in the Kitchen

Learn your way around the kitchen in this yummy camp! You'll practice your measuring skills, learn how to handle small knives, use a blender and operate a mixer. Start off making cookies from scratch and then wow your family as you prepare pizza with homemade crust, real yeast bread and more. Finish off the week with a scrumptious lunch you prepare for your invited guest. Wear closed toed shoes and long pants (no sandals or shorts in the kitchen). Aprons and hair nets will be provided. This camp will meet at the Carroll County Career & Technology Center (CCCTC). Go directly to CCCTC at the scheduled time and a Kids@Carroll staff member will be there to greet you.

Cost: \$125

Course #: XXZ-595-A35 July 13 – 17, 9:00 AM – 12:00 PM (Ages 8 – 10)

Course #: XXZ-595-B35 July 27 – 31, 9:00 AM – 12:00 PM (Ages 8 – 10)

COURSE DESCRIPTIONS

Creative Kids

American Girl Camp

Join other American Girls for a real doll of a camp! Learn about the different eras in American history while you have fun with crafts, activities, and a special tea party. Each day focuses on the life and times of a different doll. Bring your American Girl doll or any favorite doll and get ready to have fun!

Cost: \$120

Course #: XXZ-107-A14 June 22 – 26, 9:00 AM – 12:00 PM (Ages 6 – 10)

Course #: XXZ-107-B14 July 20 – 24, 9:00 AM – 12:00 PM (Ages 6 – 10)

Course #: XXZ-107-C14 July 27 – 31, 9:00 AM – 12:00 PM (Ages 6 – 10)

ALL NEW ACTIVITIES!

Art Attack

Use your imagination and a variety of materials to create unique artwork in this favorite Kids@Carroll camp. We'll paint, sculpt, collage and explore texture. You'll create unique environments, 3-D paintings and much more! Wear clothes for making a mess!

Cost: \$120

Course #: XXZ-298-A47 June 15 – 19, 9:00 AM – 12:00 PM (Ages 9 – 12)

Course #: XXZ-298-B13 July 20 – 24, 9:00 AM – 12:00 PM (Ages 6 – 8)

Course #: XXZ-298-C47 August 3 – 7, 9:00 AM – 12:00 PM (Ages 9 – 12)

NEW! Art Attack...Again

Come back and create something new in this exciting camp. Totally different from Art Attack, you will continue to use your imagination and a variety of materials to create unique masks, 3-D paintings and much more! Wear clothes for making a mess!

Cost: \$120

Course #: XXZ-604-A46 July 27 – 31, 9:00 AM – 12:00 PM (Ages 9 – 12)

Course #: XXZ-604-B13 July 27 – 31, 1:15 – 4:15 PM (Ages 6 – 8)

Artistic Endeavors (A Computer Explorers Program)

Become a website, fashion and graphic designer all in one week! Get inspired by nature and explore the outdoors through digital photography. Create your own designs by manipulating your photos or designing from scratch. Then design brochures and develop websites to promote your creation. Customize t-shirts with your unique design! Release your inner digital artist and create your own works of art. Use your own or our digital camera. Bring a plain white cotton t-shirt to the first day of class.

Cost: \$130 (4 sessions; no class 7/3)

Course #: XXZ-417-A37 June 29 – July 2, 9:00 AM – 12:00 PM (Ages 8 – 12)

Cartooning

Learn how to turn your ideas into great cartoons. Throughout the course, you'll build your skills by completing different drawing exercises and activities. By the end of the week, you'll have plenty of masterpieces to take home and put on display!

Cost: \$115

Course #: XXZ-429-A69 July 6 – 10, 9:00 AM – 12:00 PM (Ages 11 – 14)

Course #: XXZ-429-B69 August 3 – 7, 9:00 AM – 12:00 PM (Ages 11 – 14)

NEW! Claymation Workshop

Clay + Lights + Camera = Animated Action! Are you the next Disney Imagineer or Pixar animator? Spend the week with us and take home your own "Animated From My Imagination" DVD. Use several types of clay to create characters and then select props for your backgrounds. Explore and practice the 12 Principles of Animation developed by Walt Disney and still used today. Each student will complete one or more clay animation shorts similar in length and quality to Nickelodeon's clay "commercials".

Cost: \$140

Course #: XXZ-590-A46 July 6 – 10, 9:00 AM – 12:00 PM (Ages 9 – 12)

Course #: XXZ-590-B46 August 3 – 7, 1:15 – 4:15 PM (Ages 9 – 12)

ALL NEW ACTIVITIES!

Creative Expressions

Let your imagination soar. Now is your time to let it all hang out! You get to choose from many creative media, painting, drawing, sculpting, singing, dancing, making music, theater or making costumes. Each camp listed below will have a different theme and activities so take one or take them all!

Cost: \$120

Course #: XXZ-427-A14 June 22 – 26, 1:15 – 4:15 PM (Ages 6 – 9)

Course #: XXZ-427-B14 July 6 – 10, 1:15 – 4:15 PM (Ages 6 – 9)

Course #: XXZ-427-C47 August 3 – 7, 1:15 – 4:15 PM (Ages 9 – 12)

NEW! Design Your Own Dimension: 3D Design (A Computer Explorers Program)

Create, modify and share 3D models! Design sets and special effects for the next blockbuster movie or mock-up characters, levels and more as you begin designing your own video game. Model the car of the future or even redesign your room! The possibilities are limited only by your imagination! It's easy for you to think and communicate in 3D. How you decide to use it is entirely up to you.

Cost: \$150

Course #: XXZ-612-A47 July 6 – 10, 9:00 AM – 12:00 PM (Ages 9 – 12)

Drawing and Painting

Here's a chance to create unique works of art using some of the techniques of famous artists. Learn drawing and painting techniques including color, composition, form and structures using tempura, acrylic media and charcoal.

Cost: \$115

Course #: XXZ-122-A69 June 15 – 19, 1:15 – 4:15 PM (Ages 11 – 14)

Course #: XXZ-122-B35 July 20 – 24, 1:15 – 4:15 PM (Ages 8 – 10)

Drawing – Advanced

Take your art to the next level of structure, form and composition. Explore perspective, perceptual drawing and experiment with the media of charcoal and conte crayon on a variety of paper surfaces.

Cost: \$115

Course #: XXZ-428-A69 July 6 – 10, 1:15 – 4:15 PM (Ages 11 – 14)

COURSE DESCRIPTIONS

NEW! Duct Tape Art

Duct tape art you say??? You bet! Come see how duct tape holds the universe together; explore new uses and how it functions as an art. Use duct tape and paper to create 3D pieces both functional and non-functional such as unique clothing, accessories and constructs. Weird, but totally fun! Go to www.ducktapeclub.com/contests to see what you can do with this sticky stuff.

Cost: \$125

Course #: XXZ-601-A68 July 20 – 24, 1:15 – 4:15 PM (Ages 11 – 14)

Fiber Fun: Spinning, Weaving & More

Jump back in time and get your hands busy with the traditional arts of handspinning, weaving, dyeing and felting. Learn about and actually create fabric using old-style methods and natural fibers such as wool, Angora rabbit, alpaca and others. Meet, in person, the real animals that supply the fiber to make these wonderful fabrics. Note: children with allergies to wool, angora and other similar fibers should not attend this program.

Cost: \$115

Course #: XXZ-346-A15 August 3 – 7, 9:00 AM – 12:00 PM (Ages 8 – 10)

Course #: XXZ-346-B68 August 3 – 7, 1:15 – 4:15 PM (Ages 11 – 13)

Flying Sculptures

Give your sculpture wings and get it moving in the breeze! Create awesome mobiles to hang from the ceiling and stables to sit on the floor. Go wild with color, form and your IMAGINATION in this motion-packed class!

Cost: \$120

Course #: XXZ-606-A68 August 3 – 7, 1:15 – 4:15 PM (Ages 11 – 14)

NEW! Interactive Comic Books

Write your story then turn it into an electronic comic book using MS PowerPoint. Add special touches like sounds, animation and interactive buttons to create a unique show. You'll use our camera to take pictures for backgrounds of favorite characters/toys you bring from home and microphones to make voice and special effect recordings. Take home a CD of your interactive comic to show and share with friends and family.

Cost: \$135

Course #: XXZ-593-A46 July 6 – 10, 1:15 – 4:15 PM (Ages 9 – 12)

Course #: XXZ-593-B46 August 3 – 7, 9:00 AM – 12:00 PM (Ages 9 – 12)

Mosaic Designs

Piece together awesome designs made from colored glass, seeds, beads, and whatever you can imagine. You are only limited by your imagination. It doesn't matter if you took this camp last year; you can make something new with new mosaic materials! Wear clothes you don't mind getting dirty.

Cost: \$130

Course #: XXQ-234-A58 July 13 – 17, 9:00 AM – 12:00 PM (Ages 10 – 13)

Course #: XXQ-234-B24 July 13 – 17, 1:15 – 4:15 PM (Ages 7 – 9)

NEW! Once Upon a Comic Book (A Computer Explorers Program)

Write and design your own comic book tales about princesses, goblins, genies and princes. Create your own characters for your comic book scenes. Animate your story and see it come to life in a special comic book player.

Cost: \$130 (4 sessions; no class 7/3)

Course #: XXZ-613-A36 June 29 – July 2, 1:15 – 4:15 PM (Ages 8 – 11)

NEW! Organic Art

Going green is a natural! Use your imagination and nature to create amazing and unique works of art. Who would have thought you could use sticks to make figures or leaves to make tie dye prints? Create a Zen sand garden or sand sculpture, work with food to create art (no eating please!) and more.

Cost: \$115

Course #: XXZ-600-A69 July 20 – 24, 9:00 AM – 12:00 PM (Ages 11 – 14)

NEW! One Frame at a Time: Stop-Motion Animation (A Computer Explorers Program)

In the movies, do you wonder how they make time appear to speed up or slow down? Like a flower that blooms quickly or cars traveling so fast they look like a stream of light? Learn how in this exciting hands-on camp! Stop-motion is a technique to manipulate an inanimate object so it appears to move on its own. By moving the object in small increments and taking numerous still shots in sequence, the illusion of movement is created. Using digital movie cameras, you will create your own stop-motion animation movies!

Cost: \$150

Course #: XXZ-611-A47 June 15 – 19, 9:00 AM – 12:00 PM (Ages 9 – 12)

Course #: XXZ-611-B47 July 13 – 17, 1:15 – 4:15 PM (Ages 9 – 12)

NEW! Photoshop

Discover Adobe Photoshop and all the amazing things that it can do. Use Photoshop to easily edit and enhance photos from a digital camera, scanner or the Internet. Students will even get a chance to merge multiple photos together to make crazy images that can be printed and taken home.

Cost: \$140

Course #: XXZ-536-A68 July 13 – 17, 9:00 AM – 12:00 PM (Ages 11 – 14)

Printmaking

A new kind of art expression! Unlock your imagination and creative talents as you carve and create the models to create images you can use for greeting cards or wall hangings. You'll have a chance to work with colored ink, the monoprint technique and linoleum cutting.

Cost: \$120

Course #: XXZ-438-A69 July 6 – 10, 9:00 AM – 12:00 PM (Ages 11 – 14)

COURSE DESCRIPTIONS

MATHEMATICAL KIDS

Math Games

Whoever said math wasn't fun? Boost your basic math skills and confidence while you learn math tricks, play games, and create palindromes with addition. See how simple strategies can help with subtraction, division, and word problems. Learn tricks to help you memorize those pesky math facts.

Cost: \$105

Course #: XXZ-227-A24 July 20 – 24, 9:00 AM – 12:00 PM (Ages 7 – 9)

Course #: XXZ-227-B24 August 3 – 7, 1:15 – 4:15 PM (Ages 7 – 9)

Multiples of Math

If you love math (yes – love math!) then here's your chance to apply your logic and creativity. Explore a range of fascinating ideas in mathematics including statistics, Sudoku, probabilities, estimation, puzzle logic, brain teasers, rapid mental math and Microsoft Excel's mathematical functions & captivating graphs.

Cost: \$105

Course #: XXZ-226-A46 July 6 – 10, 9:00 AM – 12:00 PM (Ages 9 – 11)

MOVING KIDS

Dance & Movement

Dip into dance as you explore a little bit of several dance styles; ballet, jazz, acro and others. Stretch and condition your body and express yourself through creative movement. Beginners welcome!

Cost: \$105

Course #: XXZ-610-A14 July 6 – 10, 9:00 AM – 12:00 PM (Ages 6 – 9)

The Art of Yoga

Learn this wonderful age old art. Yoga is a non-competitive form of exercise that can help you achieve balance and flexibility along with focus, relaxation, self-health, and self-esteem.

Cost: \$105

Course #: XXZ-232-A58 June 22 – 26, 1:15 – 4:15 PM (Ages 10-13)

MUSICAL KIDS

Girls Rock! (A Computer Explorers Program)

Are you the next Hannah Montana? Bring a girlfriend or two and make your own "girl group". Write an original song and create your own music video! Use a digital movie camera and shoot, edit and add special effects! Take your video home; it could be your audition CD for a talent scout! Note: participants who want to use musical instruments must bring their own.

Cost: \$150

Course #: XXZ-415-A47 June 22 – 26, 1:15 – 4:15 PM (Ages 9 – 14)

Course #: XXZ-415-B47 July 27 – 31, 1:15 – 4:15 PM (Ages 9 – 14)

NEW! Guitar Camp: Beginning 1

Jump into the basics on a real guitar where YOU create the music. Start out with tuning, hand positions and musical styles like bluesy improvisation or rock. Then jam right into making music, playing with a group and more. Campers must supply their own instrument. Call Continuing Education & Training at 410-386-8100 for information about rentals. No experience required.

Cost: \$125

Course #: XXZ-586-A69 June 22 – 26, 9:00 AM – 12:00 PM (Ages 11 – 14)

Course #: XXZ-586-B69 July 6 – 10, 1:15 – 4:15 PM (Ages 11 – 14)

NEW! Guitar Camp: Beginning 2

Okay, now you're hooked and it's time to take the next step. Continue to learn and practice chords, reading tablature, strumming and music composition. Take home new songs to play for your friends. Campers must supply their own instrument. Call Continuing Education & Training at 410-386-8100 for information about rentals. Some experience or Guitar Camp – Beginning 1, required

Cost: \$125

Course #: XXZ-605-A69 July 20 – 24, 9:00 AM – 12:00 PM (Ages 11 – 14)

NEW! Jump and Jive and Drum for Joy

Get movin' and groovin' with basic hand drumming and percussion, rhythm games, songs from around the world and even folk tales with music and dance. If you think you know music, think again!

Cost: \$100

Course #: XXZ-588-A57 June 22 – 26, 9:00 AM – 12:00 PM (Ages 10 – 12)

Course #: XXZ-588-B14 June 22 – 26, 1:15 – 4:15 PM (Ages 6 – 9)

Course #: XXZ-588-C14 August 3 – 7, 1:15 – 4:15 PM (Ages 6 – 9)

NEW! Rock Band Camp

Rock On! Practice your guitar with other campers, form a group and play together. Jam, compose and practice different rock styles while you learn what it takes to have productive rehearsals. Bring your electric or bass guitar and join the fun. Campers must have some prior private or group guitar instruction and bring a guitar to the first session.

Cost: \$155

Course #: XXZ-603-A69 August 3 – 7, 9:00 AM – 12:00 PM (Ages 11 – 14)

NEW! Sing and Sign: Musical Adventures in American Sign Language

Say it in sign! Learn basic American Sign Language through stories, games, crafts, and lots of songs. Discover the fun of listening with your eyes and talking with your hands as we learn to sign new songs each day. Come to camp ready to move and groove!

Cost: \$105

Course #: XXZ-584-A15 June 15 – 19, 1:15 – 4:15 PM (Ages 6 – 10)

COURSE DESCRIPTIONS

Reading & Writing Kids

A Nose for News

Join the Kids@Carroll news team and build a newspaper from the inside out. You and your team will get the scoop as the reporter, interviewer, writer and more as you zoom to the news deadline at the end of the week. Includes a trip to the Carroll County Times

Cost: \$115

Course #: XXZ-598-A46 July 13 – 17, 9:00 – 12:00 PM (Ages 9 – 11)

Course #: XXZ-598-B68 July 20 – 24, 9:00 – 12:00 PM (Ages 12 – 14)

A Week at Hogwarts: Harry Potter and Friends

We are pleased to inform you that you have been accepted at Hogwarts School of Witchcraft and Wizardry at the Carroll Community College Branch. Those magical folk who have read the books by J. K. Rowling will enter a familiar world of delights. We also welcome any Muggles who wish to learn about Harry Potter's world. Please join us in our quest to learn about magical creatures, herbology and other wildly interesting subjects.

Cost: \$130

Course #: XXZ-213-A46 July 20 – 24, 1:15 – 4:15 PM (Ages 9 – 12)

Create a Book

It's an original Dahling! Let your creativity out by designing your own unique picture book. Compose an original story and then illustrate it with your own artwork. Finish the week with a celebration of your creativity with family and friends.

Cost: \$110

Course #: XXZ-300-A35 July 20 – 24, 9:00 AM – 12:00 PM (Ages 8 – 11)

Expressive Kids: Writing Stories and Poems

Get those great ideas onto paper as you create stories and poems in a group and by yourself. Learn how to make your stories funny and how to get started. Create a small portfolio of poems and stories during the week and choose your best one to be exhibited and shared.

Cost: \$100

Course #: XXZ-299-A46 July 13 – 17, 9:00 AM – 12:00 PM (Ages 9 – 11)

Course #: XXZ-299-B79 July 27 – 31, 9:00 AM – 12:00 PM (Ages 12 – 14)

NEW! Fairy Tale Princess Camp

Every little girl is a princess, so put on your tiara and stand up straight. Princess Camp is here! Explore the world of princesses through fairy tales, history, games, crafts, sign language, and hands-on activities. Each day will focus on a confidence and knowledge building theme: "Princesses are brave, kind, clever, polite and awesome!" Princess costumes welcome!

Cost: \$115

Course #: XXZ-583-A14 June 15 – 19, 9:00 AM – 12:00 PM (Ages 6 – 9)

Cost: \$95 (4 sessions; no class 7/3)

Course #: XXZ-583-A14 June 29 – July 2, 1:15 – 4:15 PM (Ages 6 – 9)

NEW! Girls in History

What if you had to make your own soap for washing or candles for light? What if you didn't have electricity? Experience how American girls your age lived in the late 1700's to the early 1900's through activities, crafts and cooking. Make soft soap, candles and samplers and play games and sing songs the way girls did during these times. Activities are based on the "Little House" books written by Laura Ingalls Wilder and on other books featuring Laura's grandmother, great grandmother and daughter. You don't have to read the "Little House" books to have a bucketful of fun!

Cost: \$125

Course #: XXZ-594-A47 July 13 – 17, 9:00 AM – 12:00 PM (Ages 9 – 12)

NEW! Interactive Comic Books

See Creative Kids, page 9

NEW! Kid Lit

If you love stories and picture books this camp is for you. Reading is cool and not just for school. Here is your chance to bring the stories you love to life through arts and crafts, dramatics and activities that will tickle your fancy.

Cost: \$115

Course #: XXZ-591-A13 July 6 – 10, 9:00 AM – 12:00 PM (Ages 6 – 8)

Course #: XXZ-591-B13 July 27 – 31, 9:00 AM – 12:00 PM (Ages 6 – 8)

Mythical Creatures: Dragons!

Study the fiercest of all beasts, the mythical dragon, – or is it possible they were once real? Are they creatures of good luck – or are they nasty spiteful hoarders of gold? Discover the truth and the fiction of dragons by becoming a Dragon Master to control your own beast.

Cost: \$125

Course #: XXZ-436-A47 July 20 – 24, 9:00 AM – 12:00 PM (Ages 9 – 12)

Once Upon a Comic Book

See Creative Kids, page 9

Scientific Kids

Count Down to Flight

How does a big heavy plane stay up in the air? How do rockets make it into space? Build your own planes and copters to discover the secrets of aviation. Discover why bubbles float and what makes a good parachute. Join us for a fun exploration of things that fly.

Cost: \$125

Course #: XXZ-214-A13 July 6 – 10, 1:15 – 4:15 PM (Ages 6 – 8)

Course #: XXZ-214-B13 July 20 – 24, 1:15 – 4:15 PM (Ages 6 – 8)

NEW! Go for Green...Earth Power Rules

Power the planet with the sun and wind. Get the facts about solar and wind power in this alternative energy camp while you build working collectors and windmills. Go on a Web Quest to complete your secret mission related to alternative energy and find out the effects of using natural resources to power up Planet Earth. Includes a field trip.

Cost: \$140

Course #: XXZ-654-A46 July 13 – 17, 1:15 – 4:15 PM (Ages 9 – 11)

COURSE DESCRIPTIONS

NEW! Mad Science: Earth, Space and Beyond

Discover the world as you explore a different topic each day. Blast off for space as you launch a 'water bottle rocket', test soil for "Martian" life; experiment with space suit design and more. Decipher the world around you as you use Morse code to send secret transmissions to your friends. Let your nose be your guide on a trail of scents and experiment with natural dyes from fruits and vegetables. Learn about pollution and how it affects our planet and explore pollution solutions. Finally, jump into the science behind sports.

Cost: \$140

Course #: XXZ-596-A13 July 13 – 17, 9:00 AM – 12:00 PM (Ages 6 – 8)

Course #: XXZ-596-B46 July 13 – 17, 1:15 – 4:15 PM (Ages 9 – 12)

NEW! Mad Science: NASA Journey into Outer Space

From the Earth's atmosphere to the outer reaches of our solar system, you will discover the four forces of flight, the challenges of space travel and participate in a rocket launch! Create a lunar eclipse, build and take home Kepler's Cube and a 3D solar system puzzle and discover technology designed for outer space. Investigate the life cycle of stars and create a 3-D glow-in-the-dark constellation. Probe the mysteries of meteors and how to tell the difference between stars, planets and satellites in the night sky. Race a balloon rocket and build your own Shuttle Copter to fly to the skies.

Cost: \$140

Course #: XXZ-592-A13 July 6 – 10, 9:00 AM – 12:00 PM (Ages 6 – 8)

Course #: XXZ-592-B46 July 6 – 10, 1:15 – 4:15 PM (Ages 9 – 12)

NEW! Mad Science: Science in Motion

Discover how things move with machine mania, crazy chemistry, birds and beasts and other science. Take apart pellets to see what an owl cannot digest, view the world through a camera obscura that you make yourself. Build bridges, domes, cubes and pyramids. Assemble and control pulleys, lever, catapults, and simple machines. Make your own sidewalk chalk, crystal gardens, kaleidoscope and chromatography-dyed T-shirt.

Cost: \$140

Course #: XXZ-607-A13 July 20 – 24, 9:00 AM – 12:00 PM (Ages 6 – 8)

Course #: XXZ-607-B46 July 20 – 24, 1:15 – 4:15 PM (Ages 9 – 12)

MicroExplorers (A Computer Explorers Program)

Ever wonder what the world looks like to a bug? Or what is in the water you're drinking? What if you could magnify your perspective 10, 60 even 200 times? Find out! Use a digital microscope to examine food, flowers, hair, skin, rocks and more. Conduct experiments, take digital photos and make movies of this microscopic world. Then add special effects and create a slide show. Take a copy of your show home to share with family and friends.

Cost: \$150

Course #: XXZ-414-A13 June 22 – 26, 9:00 AM – 12:00 PM (Ages 6 – 8)

Course #: XXZ-414-B13 July 27 – 31, 9:00 AM – 12:00 PM (Ages 6 – 8)

NEW Activities

Pet - Vet Camp

Cold nose, warm paws, and a 'drooly' smile...what does it all mean? Keep your pet healthy and happy. Animal lovers will work with live animals to learn pet care, handling, grooming and how to perform a health evaluation and more! Discover what it takes to be a vet in this exiting week of animal fun.

Cost: \$115

Course #: XXZ-451-A14 July 13 – 17, 9:00 AM – 12:00 PM (Ages 6 – 9)

Course #: XXZ-451-B58 July 13 – 17, 9:00 AM – 12:00 PM (Ages 10 – 12)

Spaceflight Institute™ Space Adventure Program

Reach for the stars in this space study reality program! Use actual NASA training and simulation software to experience the processes, procedures and functions involved in planning, completing and evaluating spaceflight operations. You'll be a member of either the Flight Crew or Mission Control. Well defined activities cover space shuttle operations, living and working in space, mission patch design, space history, communications, and exploring new technologies. This program is offered in partnership with Volanz Aerospace, Inc. and is for students who have a high interest in the science and history of space exploration.

Cost: \$350 (9 days)

Course #XXZ-454-A35 July 27 – Aug. 7, 9:00 AM – 4:15 PM (Ages 8 – 10)

Course #XXZ-454-A69 July 27 – Aug. 7, 9:00 AM – 4:15 PM (Ages 11 – 14)

Super Science: Bionicle Science

See Technical Know How Kids, page 14

Super Science: Bridges, Towers and Structural Engineering

You're the engineer! Build 5 – 6 foot scale models of famous bridges like the Golden Gate Bridge, Firth of Forth or others and learn the physical science principles behind these amazing structures. Then design your own bridge from balsa and participate in the bridge busting challenge. Take home surviving projects and a unique K'NEX bridge building set.

Cost: \$135

Course #: XXZ-426-A48 July 20 – 24, 9:00 AM – 12:00 PM (Ages 9 – 13)

Super Science: Crime Scene Investigation

Become a Super Science Sleuth! Learn about forensics, crime scene investigation and crime lab chemistry as you perform experiments designed to show you how cases are solved. Search for evidence, gather clues and discover how science can help solve a mystery. Dust for and classify fingerprints, analyze handwriting, test for blood type and DNA using simulated blood and use Glow blood to see where humans can't see. Examine hair fibers, practice chemistry to identify mystery substances and more. Each participant will take home a CSI forensic science kit.

Cost: \$135

Course #: XXZ-327-A47 June 22 – 26, 9:00 AM – 12:00 PM (Ages 9 – 12)

Course #: XXZ-327-B24 June 22 – 26, 1:15 – 4:15 PM (Ages 7 – 9)

Course #: XXZ-327-C47 July 13 – 17, 9:00 AM – 12:00 PM (Ages 9 – 12)

COURSE DESCRIPTIONS

Super Science: Chemical Magic

Get ready for a 'magical' laboratory experience Harry Potter style. Make and take home Flubber, a mushroom monster, Silly Putty, gum, Tie-Dye shirt, Play Dough, bubbling lava blobs, copper coins, glowing slime and more. Learn chemistry concepts including atoms and bonding, acids and bases, polymer chemistry and fire and ice reactions. Get ready for the smoking volcano, big bang sock cannon, Hindenburg explosion and more. Take home your own wizardly recipe booklet and mini chemistry kit. Bring a white 100% cotton t-shirt to the first class.

Cost: \$135

Course #: XXZ-328-A46 July 6 – 10, 9:00 AM – 12:00 PM (Ages 9 – 12)

Course #: XXZ-328-B24 July 20 – 24, 1:15 – 4:15 PM (Ages 7 – 9)

Super Science: Diggin' for Dinosaurs, Rockin' Rocks and Crystal Creations

Discover the exciting science of archaeology and paleontology as you excavate and assemble complete skeletal replicas from simulated 'fossilized' rock. Make fossilized plaster replicas of dinosaur teeth, claws, trilobites and ancient snails. Unearth some fascinating facts about rocks, minerals and crystals. Take home a rock and mineral collection, a rock and mineral book, unearthed treasures, fossilized shark teeth and crystals.

Cost: \$108 (4 sessions; no class 7/3)

Course #: XXZ-329-A24 June 29 – July 2, 9:00 AM – 12:00 PM (Ages 7 – 9)

Cost: \$135

Course #: XXZ-329-B24 August 3 – 7, 9:00 AM – 12:00 PM (Ages 7 – 9)

Super Science: Make and Take

Make your own toys designed to illustrate science concepts. Make your own submarine diver game and learn about fluids and pressure. Learn chemistry concepts by making your own colorful t-shirt. Build a model of Hero of Alexandria's fountain or a vortex tornado in a bottle. Make ultraviolet light detecting bead bracelets, bubbling lava blobs, green Flubber, Glowing goo, bouncing super balls and more.

Cost: \$108 (4 sessions; no class 7/3)

Course #: XXZ-330-A24 June 29 – July 2, 1:15 – 4:15 PM (Ages 7 – 9)

NEW! Super Science: Physics, Flight & Rocketry

Blast off into a lively week of flight and rocketry as you build and launch scale model rockets, planes, and other flying gadgets. Take home a rocket and other projects that you make this week. You'll also build solar-powered cars, balloon vehicles, experiment with robotic flying insects and more. Learn the physics behind flight in a fun-filled hands-on environment.

Cost: \$135

Course #: XXZ-609-A46 July 27 – 31, 1:15 – 4:15 PM (Ages 9 – 12)

Super Science: Roller Coaster and Amusement Park Science

Work with your team of engineers to construct the major component rides of a model amusement park. Build the Vertical Vengeance Roller Coaster, Star Bust Spinner, Ferris wheels, boom ride, flume, 5 foot tall Ripping Rocket Roller Coaster, Pirate Ride and more. Everyone will take home one motorized K'NEX project.

Cost: \$135

Course #: XXZ-331-A47 August 3 – 7, 1:15 – 4:15 PM (Ages 9 – 13)

NEW! Vital Signs: Ecology of the Chesapeake

Be an eco-explorer as you discover how the Bay waters and surrounding habitat affect everyone, even us in Carroll County. You'll build a watershed model that shows what happens to trash and polluted water as it moves through the earth and then learn how the various plants, animals and trees of the Bay keep the environment healthy and safe for all. Get ready for a cool full-day field trip to Tilghman Island to learn more about keeping the Chesapeake Bay in tip top shape.

Cost: \$175 (Cost may be reduced pending grant approval.)

Course # XXZ-653-A46 July 20 – 24, 1:15 – 4:15 PM (Ages 9 – 11)

TECHNICAL KNOW-HOW KIDS

Claymation Workshop

Design Your Own Dimension: 3D Design

Girls Rock!

Interactive Comic Books

See Creative Kids, page 9

LEGO® Robotics 1: Bot Builders

Whether you've been using the current generation of robotics products from LEGO® or this is your first time, this class will get you up to speed on the latest LEGO® robotics system, NXT. Work together with your team to build a LEGO® robot that can hear sound and see light. Then program your robot to use its senses to solve various challenges.

Cost: \$140

Course #: XXZ-314-A68 June 15 – 19, 1:15 – 4:15 PM (Ages 11 – 14)

Course #: XXZ-314-B68 July 6 – 10, 1:15 – 4:15 PM (Ages 11 – 14)

Course #: XXZ-314-C68 July 27 – 31, 1:15 – 4:15 PM (Ages 11 – 14)

LEGO® Robotics 2: Wilderness Rescue

Ready to build a robot that can help people? Staged in the "Green Geyser Wilderness Park", you will build and program a robot that can perform rescue operations and help the park recover from a recent natural disaster. *Prerequisite:* LEGO® Robotics 1: Bot Builders.

Cost: \$140

Course #: XXZ-317-A68 August 3 – 7, 9:00 AM – 12:00 PM (Ages 11 – 14)

LEGO® Robotics 2: Mission to Mars

Take a field trip to the Red Planet! Using robots and a 4' x 8' vinyl mat that mimics the surface of Mars, your team will integrate math, science, and technology to solve exciting challenges, such as building an obstacle field, collecting and analyzing data; navigating obstacles, and conducting meteorological, hydrologic, and geologic experiments! *Prerequisite:* LEGO® Robotics 1: Bot Builders.

Cost: \$140

Course #: XXZ-316-A68 July 20 – 24, 9:00 AM – 12:00 PM (Ages 11 – 14)

NEW! LEGO® Robotics 2: Alternative Energy Bots

Have you ever seen an environmentally friendly robot? In this class, you will build robots that "go green" by using alternative energy sources, including solar panels, wind turbines, and even water wheels! *Prerequisite:* LEGO® Robotics 1: Bot Builders.

Cost: \$140

Course #: XXZ-580-A68 June 22 – 26, 1:15 – 4:15 PM (Ages 11 – 14)

Course #: XXZ-580-B68 July 20 – 24, 1:15 – 4:15 PM (Ages 11 – 14)

Course #: XXZ-580-C68 August 3 – 7, 1:15 – 4:15 PM (Ages 11 – 14)

COURSE DESCRIPTIONS

NEW! LEGO® Robotics 2: Zoo Animals!

Become a zookeeper and build robot animals that crawl, hop, walk, and do other amazing things! Set up your zoo with robot rabbits, elephants, camels, and frogs; even alligators! *Prerequisite:* LEGO® Robotics 1: Bot Builders.

Cost: \$140

Course #: XXZ-581-A68 July 13 – 17, 1:15 – 4:15 PM (Ages 11 – 14)

One Frame at a Time: Stop-Motion Animation

Once Upon a Comic Book

Photoshop

See Creative Kids, page 9

Super Science: Battle-Bot Build-A-Thon

Build a complex Battle-Bot robot that can clobber its opponent in the robot ring! Design and build your own robot while learning to program simple commands, make your robot do tricks with Robotix hand-held computers and more.

Cost: \$130

Course #: XXZ-425-A14 June 15 – 19, 9:00 AM – 12:00 PM (Ages 7 – 9)

Course #: XXZ-425-B24 July 6 – 10, 1:15 – 4:15 PM (Ages 7 – 9)

NEW! Super Science: Bionicle Science

Unite to construct the Bionicle Theme with LEGOs® and learn about the science of simple machines. Build the Mistake Collection including Betel, Goriest, Kirk, Toa Gallic and Toa Onus. Have fun building Bionicle Warriors, Titans of Maui and many more. Each camper will take home a LEGO® Binnacles.

Cost: \$135

Course #: XXZ-597-A14 July 13 – 17, 1:15 – 4:15 PM (Ages 7 – 9)

Course #: XXZ-597-B14 July 27 – 31, 1:15 – 4:15 PM (Ages 7 – 9)

NEW! Super Science: Motorized Star Wars Machines

May the "Force be with you" as you use LEGOs® to construct a wide variety of Star Wars models. Choose from models such as Republic Cruiser, Sith Infiltrator, Naboo-N-1 with Vulture Droid, Trade Federation MTT, Republic Attack gunship, Imperial Landing Craft and many more. Have fun working with an assortment of motorized LEGO® Technic Machines and take home a LEGO® Star Wars project at the end of the week. Note: students will not build all models offered.

Cost: \$135

Course #: XXZ-585-A57 June 15 – 19, 1:15 – 4:15 PM (Ages 10 – 12)

Course #: XXZ-585-B24 July 27 – 31, 9:00 AM – 12:00 PM (Ages 7 – 9)

NEW! Video Game Programmers

Ever wonder how video games are made? Learn how and even create your own video games that you can take home and share with your friends! Students will create their own games, complete with original characters and worlds. Students will also learn about the logic processes that are involved in developing a video game.

Cost: \$140

Course #: XXZ-537-A68 June 22 – 26, 9:00 AM – 12:00 PM (Ages 11 – 14)

Course #: XXZ-537-B68 July 27 – 31, 9:00 AM – 12:00 PM (Ages 11 – 14)

Web Site Design

Express yourself with a personal website! Learn to create dynamic web pages including text, images, hyperlinks, jazzy Flash features, and multi-media elements. Learn how to get your website online and then take it home with you at the end of the course.

Cost: \$140

Course #: XXZ-126-A68 June 15 – 19, 9:00 AM – 12:00 PM (Ages 11 – 14)

Course #: XXZ-126-B68 August 3 – 7, 9:00 AM – 12:00 PM (Ages 11 – 14)

THEATRICAL KIDS

Creative Dramatics: Theater FUN-damentals

Do you have a desire to perform? This camp will help to stimulate and free your creativity as a performer and develop technical skill for the stage. Activities in drama will include dramatic warm-ups, improvisation, theatre games, vocal technique, pantomime, as well as short scene work. (This class does not have a performance at the end of the week.)

Cost: \$105

Course #: XXZ-208-A14 July 13 – 17, 9:00 AM – 12:00 PM (Ages 6 – 9)

Improvisation for the Theatre: Acting on the Edge

Go for the risk with Improvisation, a technique that portrays a character or scene with no rehearsal or preparation and few props. Spontaneity, naturalness and freshness are stressed as you learn not to "pretend" but to "be." Gain confidence for the stage and build your acting skills with these improvisational games! Beginners welcome! (This class does not have a performance at the end of the week.)

Cost: \$100

Course #: XXZ-322-A69 June 22 – 26, 1:15 – 4:15 PM (Ages 11 – 14)

Improvisation for the Theatre: Becoming the Character

Become the actor you want to be! Sharpen your improvisational skills with more challenging theatre games and small scene and character studies. Work in groups to create a small improvised play that will be performed for classmates. *Prerequisite:* Improvisation for Theatre: Acting on the Edge or prior acting experience)

Cost: \$85 (4 sessions; no class 7/3)

Course #: XXZ-323-A69 June 29 – July 2, 1:15 – 4:15 PM (Ages 11 – 14)

Summer Theatre

Don't be shy! Discover the joy of theater and acting and gain a sense of confidence and poise that will help you feel at ease in any social situation for a life time! Learn how to use your voice and body effectively to portray a character through improvisations, games, scene studies and short sketches. Uncover behind the scenes secrets about make-up techniques, lighting, sound, set construction and dressing, props and more. Then, pull it all together and perform a play for your family and friends.

Cost: \$230

Course #: XXZ-216-A68 July 6 – 17 (2 weeks), 1:15 – 4:15 PM (Ages 11 – 14)