

Preschool**Pet Parade**

Come and meet all your favorite pets! Stories, songs, crafts, and snacks will feature these furry friends. Make puppy chow, a mini aquarium, and design a cat puzzle as you hop, slither, and fly through the world of pets. Perhaps some “real” pets will make an appearance.

The grade shown is recommended, but is flexible based on parental discretion.

3-D Extreme (5-9)

Have you ever wanted to create your own 3-D world or video game? Learn how to construct 3-D worlds and the elements that go into them. Create your own video game which you can take home to play. **Students need to bring their own flash drives (no Scan disks or Kruzers, please) and must have more than beginning level computer skills.**

American Girl X (Historical) (3-6)

Bring your favorite American Girl doll (or any doll) and travel far back in time. Learn about the life of girls in history – sing their songs, hear their stories, make their crafts, sample their food, and meet their friends. This class will feature girls from 1764-1974. We will start on Monday with Kaya.

Antsy for Others (K-2)

Learn all about the secret world of ants. Engage in some ant-like antics, go marching with the ants and help them sing their songs, go on a nature walk, make some “ant” snacks, attend on an “antless” picnic, and more as you learn all about these little creatures

Craft Magic (1-3)

From a water xylophone to a Hallowe’ en skeleton, a miniature theatre, to jungle masks. From fruity picture frames, spooky lanterns, and party bags to painted pasta garlands, potato stamp gift wrap, a stenciled t-shirt, or a pirate treasure chest, there will be something to catch the interests of even the fussiest of young artists.

Horus, Hieroglyphs, Hatshepsut (K-2)

Travel back in time to the days of the pharaohs. Learn to wrap a mummy, dig for ancient artifacts, and build a model pyramid. Wear Egyptian wigs and clothing, make papyrus, write in hieroglyphics, and serve up some Egyptian delicacies as you travel down the Nile.

Military Strategy (5-9)

Join a Marine Corps officer and learn history and battle strategy at the same time. Using miniature pieces, students will focus on World War II and the major battles and tactics involved in winning the war. The emphasis of the class is on the history and strategy, not on the war itself!

Musical Theater (4-9)

Musical theater students perform a “full-length” musical including singing and dancing. All are involved in props, scenery, and costumes. Choice of productions will depend on ages and abilities of students. Possibilities include *Alice in Wonderland, Jr.* or *Schoolhouse Rock, Jr.* An evening performance is scheduled for June 21st. **Class must be taken both morning and afternoon!**

Princess Power (K-2)

Most every little girl wants to be a princess so come join us for this princess celebration. Look at all kinds of princesses, especially those created by Walt Disney – Ariel, Belle, Cinderella, Jasmine, Snow White, Tiana, Mulan, etc. Make tiaras and all things “princessy”. Be a “princess for a day”, and end with a “Princess Party”.

Soccer Mania (1-4)

Grab your soccer ball and let’s go! Come and learn the joys of soccer while working on your basic skills. Brush up on your abilities or learn new techniques through a variety of activities and games.

Supreme Work Machines (4-6)

Using Lego mobile cranes as a basis, students will learn all about machines. In groups of 2-3, students will assemble a 1,884 piece vehicle which consists of a telescoping boom which extends over 25”, a pneumatic cylinder to raise and lower the boom, and 4 retractable outriggers.

Things that Slither, Jump, and Slide (K-2)

Get down and get dirty in this class that looks for all things that slither, jump, and slide. Bring your outdoor gear as we head off to different parts of the world to explore the world of snakes, alligators, crocodiles, and some very interesting, if somewhat dangerous, little frogs. Sing some snake songs and create a fake snake. Design a frog pop-up card and attend a froggy birthday party. Create a very hungry alligator and some snacks to keep him happy. We look forward to having you join us on this great adventure.

Weaving and Fabric Arts (4-9)

Start with the basic weaving techniques on paper, making a unique basket or cube. Learn all you need to get started in weaving anything you can find around the house... Yarn, paper, reed weaving will be taught going under and over, under and over again...and...again, etc. until you complete a beautiful piece of art.

Preschool**Bunnies, Bears, and Bubbles**

Come join us as we have fun with bunnies, bears, bubbles, and all things “B”. Make “bubbly” punch and pear bunnies, play bunny hop-along, have a teddy bear picnic, create a bird’s nest and some bird treats in this summertime adventure.

The grade shown is recommended, but is flexible based on parental discretion.

American Artists (4-9)

Learn about different American artists while creating a variety of works in the areas of still life, portraiture, landscape, and illustration. Visit local galleries to see the work of contemporary local artists and hold an “Art Show” the last day of class to display each student’s individual style. This class is a history and discovery moment for students.

Cool Contraptions (4-9)

Build incredible thingamabobs and amazing whigamajigs. Would you like to create your own robot or make a solar powered pocket watch that keeps going and going and going? How about a multi-towered structure or the world’s “longest” bridge? Maybe, even a giant pumpkin thrower where teams can compete against one another. All sorts of challenges await the unsuspecting budding architect and problem solver.

Exploratopia (3-5)

Want to learn how to mummify a hot dog? Break secret codes? Detect counterfeit money? Build a motor? Make a “not so nice” spice cake, build a cuica, and create a Basarwa still. From physics to forensics, from the largest clouds to the tiniest ants, this class overflows with things you can explore using the simplest everyday objects. Come discover how the earth works and uncover the secrets that everyone else overlooks.

A Feast of Fairy Tales (K-2)

Combine a love of fairy tales and folk stories with a chance to cook up some yummy treats. Fill Red Riding Hood’s basket and go on a picnic lunch or grill Baby Bear’s gooey grilled cheese sandwiches. Make magic pear grumble, green eggs and ham, Snow White’s apple pie, stone soup, and more as you combine good books with good food.

Go, Johnny, Go (K-2)

Come meet John Chapman, better known as “Johnny Appleseed”. Using Johnny as an example, learn how we too can care for our Earth. Cook up some “applicious” treats, and have an apple party. Create apple prints, collages, and cinnamon clay. Play “Who Wants to be a Millionaire” using apple facts. Learn all there is to know about Johnny and his “friend”.

Holiday Science throughout the Year (K-2)

Tap the energy of special celebrations for hands-on science learning. From birthdays to Arbor Day, from Kwanzaa to Cinco de Mayo, from Halloween to Groundhog’s Day – students will blend the science, social studies, history, arts and crafts into a fun yet educational experience. Create a Speedway Spider, help the groundhog find his shadow; design a potato popper or a straw spud stabber. Make Easter egg geodes; grow a magic tree, and more in this holiday celebration..

Musical Theater (4-9)

Musical theater students perform a “full-length” musical including singing and dancing. All are involved in props, scenery, and costumes. Choice of productions will depend on ages and abilities of students. Possibilities include *Alice in Wonderland, Jr.* or *Schoolhouse Rock, Jr.* An evening performance is scheduled for June 21st. **Class must be taken both morning and afternoon!**

Open for Business (3-5)

The perfect class for the budding entrepreneur! Students will set up their own business; learn how to make and market their product, and how to determine profit and loss in this economic simulation. Profits result in a pizza party (or similar event) for the entire company.

Pineapples, Pagodas, and Pandas (K-2)

Go on an African safari, survive the Antarctic wind, discover the Great Barrier Reef, pick up some European souvenirs, travel the Panama Canal, explore the Amazon Rain Forest! Discover some fascinating facts and tasty recipes. It’s time to pack your bags, grab your passport and head out for a world-wide adventure.

Star Craft© Strategies (5-9)

Jump ahead to the 26th century where three species fight for control in a distant part of the Milky Way galaxy known as the Koprulu Sector. Praised for its use of factions in real-time strategy game-play, *Star Craft* is considered among the most important video games of all time. It is a multi-player game and is especially popular in South Korea. This class will focus on the critical thinking skills needed in developing strategies to become a better player. **Basic computer skills are needed.**

Supercalifragilisticexpialidocious (3-5)

Enter the unique world of Mary Poppins as she teaches her irrepressible charges the basics of the kitchen and more. Whip up fruit salad, oatmeal cookies, and jam tarts. Attend a Mary Poppins birthday party and meet Mary at a lovely tea. Learn some of the lyrics to the songs, make a kite, and more as you find out what life was like in Cherry-Tree-Lane.

Preschool**Fractured Fairy Tales**

Everyday we will read a favorite fairy tale. There will be a mix of classic fairy tales and modern retellings. Through stories, songs, crafts, games, and snacks, we will explore the world of children's literature.

The grade shown is recommended, but is flexible based on parental discretion.

American Girl XI (Contemporary) (3-6)

Bring your favorite American Girl doll (or any doll) and travel a bit back in time. Review the life of girls in the recent past – sing their songs, hear their stories, make their crafts, sample their food, and meet their friends. This class will feature girls from 2001 to 2012. We will start on Monday with Lindsey.

Animation Studio (3-5)

Students will create stop-motion animation using their own ideas, movies sets, and characters. They will add sound and learn how to use the I-stop motion software. They will practice using their own bodies in an animation technique called pixilation. Learn a bit about the history of animations and have movie times to appreciate various stop-motion animations created by talented artists and directors.

Christmas around the World (K-2)

Explore the world and see how other countries celebrate Christmas. The class will focus on the foods, crafts, and secular traditions associated with this holiday. Make gingerbread from Germany, pavlova from Australia, a poinsettia brooch from Mexico, "mulled wine" from England, the witch "La Batena" from Italy, and more in this festive class.

Fantastical Physical Science (3-5)

Come explore ingenious ways to explore the wonders of science and technology. Explore basic scientific principles through experiments explained in the context of the real world. Topics covered include: "Our Restless Earth"; "Natural Wonders Close to Home"; Physical and Material Marvels"; and "Travel and Transport". Make your own conglomerate rock, construct a tunnel, build a rocket, design a weather vane, plant a mini-jungle, and more as you learn to appreciate the world around you.

Good Earth Art (K-2)

This class focuses on an earth-friendly collection of imaginative projects that develop a caring attitude toward the earth. Using materials collected from nature or saved from the recycling bin, students enjoy their creativity with results bounded only by their imagination. Projects may include wood scrap sculpture, cattail baskets, handmade paper, mechanical contraptions, nature mobiles, homemade fossils, and egg shell crayons.

It's Raining Cats and Dogs (K-2)

Cats, dogs, fish, rabbits – all kinds of pets! This class is full of pet related activities. Make puppy chow, a personalized pet collar, an invention to make your pet's life better, and a pet matching game. Learn how to keep your pet healthy and happy. Maybe meet some real pets

Jewelry Making (4-9)

Discover the world of beads and other glittering items from which we can craft a treasure box full of jewelry. We will make our own beads and use them in jewelry and other decorative projects. Some items might include backpack dangles, bracelets, key chains, necklaces, and even our own jewelry box in which to store our treasures.

Lego Mindstorms (5-9)

Build and program your own Lego robot. Using PC and the RCX, students can control the behavior of an infinite number of robotic inventions. Compete in a variety of challenges to see what your robot can accomplish. **Students need basic computer experience.**

Myths, Magic, and Megaliths (K-2)

Enter into the magical world of heroes and monsters as we make a Trojan horse, play catch the Minotaur, and turn things gold with the Midas touch. Help Arachne weave a spider's web, design your own "Pandora's box", and build a miniature Stonehenge. Camelot waits as we join Arthur and his knights at the round table while slaying a dragon or two.

Worth the Risk (5-9)

Have you ever played *RISK*? Do you enjoy testing your knowledge of strategy and putting it into practice against others? Do you like playing board games? If you answered "yes" to any of these questions, this class is for you. Students will learn basic strategy and newcomers will be introduced to and taught the fundamentals of *RISK*. Players of equal skill level will compete against each other to ensure fun competition for all. The class will culminate in a tournament with the winner receiving a prize for his or her efforts.

Preschool**Down by the Sea**

Join Rainbow Fish and friends for some under water fun. Sing some songs, read some stories, make an octopus, starfish, and crab. Engage in crab walk races and a shell hunt. Serve up fish-shaped sandwiches, sugar cookie fish, and fish in the lake snacks in this “fishy” adventure.

The grade shown is recommended, but is flexible based on parental discretion.

007 – James Bond and the World of Spies (3-5)

Enter the world of the secret agent. Explore the history of spying and meet some of history’s most famous spies. Learn how to organize your own team, gather intelligence, communicate with one another, and decide upon a mission. Find out what makes a good spy – the art of disguise, shadowing, “diffusing bombs”, and more in this hair-raising adventure.

Cloudy with a Chance of Meatballs (K-2)

Make thunder in a can and lightening in a pan, watch wind at work, learn about snow, and much more as you explore the science of folklore and weather. Make a tornado in a jar, a pinwheel, a barometer, and a wind gauge. Create some raindrop art, a rainbow on a stick, and drink some white hot chocolate as you become “weather-wise”.

Dec Your Space (3-5)

Here is a chance to decorate your room! Create bulletin boards, picture frames, pillows, desk accessories, and a variety of other items from free or inexpensive materials – all of which can be used to give your room, or any room, an entirely different look. A few field trips may be involved to get the powers of inspiration flowing.

Flight (5-9)

Come soar with us in this high flying adventure. Design and build a variety of air contraptions from kites, hot air balloons, a variety of gliders, paper airplanes, bows and arrows, cannon, rockets, helicopters and more as your learn all about the mechanics and engineering of flight.

The Gingerbread Man (K-2)

Come discover an old favorite – the Gingerbread Man. Learn versions of the story that come from other countries and cultures. Make gingerbread men and gingerbread cookies. Create a gingerbread baby and a gingerbread boy (or girl). Make and play a “Gingerbread Baby” board game. Design your own “storybook” and more in this tasty favorite.

In a Galaxy Far, Far Away (3-6)

Enter the world of *Star Wars*®, one of the most recognizable and longest-lasing franchises that continues to affect our culture. Students will engage in various activities and games that explore the different aspects of *Star Wars* such as what George Lucas, its creator used for inspiration for the stories, characters, etc. At the end of the session, students will design a *Star Wars* theme souvenir to take home.

It’s a Pilgrim’s Life for Me (K-2)

You are packing your trunk as your family is getting ready to set sail aboard the *Mayflower* for a new land which promises freedom and prosperity; but, what was life really like for the Pilgrims once they arrived on the shores of America. Meet Elizabeth I, the Pilgrim Fathers, and Squanto. See what daily life was like in a Puritan village. Learn to make candles and a pomander ball, write with a quill pen, learn to read from the New England Primer, and build a model New England village.

Kids in the Kitchen (K-2)

Join us as we cook up some taste tempting treats such as wiki-wiki chickie kabobs, a jungle malt, a silly face pizza, moon rocks, butterfly cupcakes, banana-berry smoothies, ooey-gooley s’more puffs, and other mouth watering treats.

Paper Arts and Bookmaking (4-9)

In this class you will learn about the creative world of paper arts. It can be folded, cut, punched, and pasted into many different projects. We will also make, from paper, a variety of books in unique sizes and shapes.

A Ship of Dreams (3-5)

Join us as we set sail on one of the greatest ships ever built. Through stories, learn how she was built and who the people were that boarded her. Discover what the lives of the passengers were like – what they ate, what they wore, and what they did for entertainment. Create some of the items that a passenger might have possessed and take part in a *Titanic* luncheon.

Wild and Wacky (4-8)

Can you bend bones in your bare hands? Can you make wood scream? This class will expand your knowledge of science and its principles through strange, creative, and unusual experiments. Explore the world of insect metamorphosis, chemical reactions, fossils formation, and more in this wild and wacky science class.

Preschool**Art across the Alphabet**

Explore the magic of language through unique opportunities that develop readers while building a delightful gallery of artistic creations. From “Airplane Wings” to “Zany Zoo Animals”, children will focus on art-centered activities that associate reading with fun!

The grade shown is recommended, but is flexible based on parental discretion.

All aboard the Hogwarts Express (3-6)

Join us at 9 ¾ King’s Cross as we set off for another year at Hogwarts Academy. Join Harry and his friends as they bring the books to life. Play Quidditch, become a member of a House, attend classes and learn to concoct potions. Design a banner for your hall, cook up some ghastly treats, as well as make all the standard wizard tools such as wands and brooms.

Fashion and Costume Design (4-9)

Did you ever want to create your own fashion collection? Well, here is your chance. Learn about the history of fashion design as well as some of the leading names in the field. Explore the basic steps of fashion sketching and, then, go on to create you very own line. Put together a display board with fabric and trim samples and invite others to your “Fall Fashion Fling”.

English as a Second Language (K-8)

This class is designed to help students improve their English as well as learn about American culture and how to manage everyday life in the U.S. Using specialized software, as well as a variety of educational activities and games, students will have the opportunity to strengthen their English language skills through a variety of settings and experiences.

Flight! (3-5)

Come soar with us in this high flying adventure. Design and build a variety of air contraptions from kites, hot air balloons, a variety of gliders, paper airplanes, bows and arrows, cannon, rockets, helicopters and more as you learn all about the mechanics and engineering of flight.

Kids Celebrate (K-2)

Whether it is the birthday of a famous person, the anniversary of an historical event or a national holiday in another country, students will mark the occasions in a fun way. Make colorful wind streamers for the vernal equinox, be a clown on P.T. Barnum’s birthday, make a piñata for Cinco de Mayo, invent a sandwich for “Sandwich Day”, or learn rabbit sign language for Beatrix Potter’s birthday. This class is filled with loads of celebratory fun!

Legos NXT (4-9)

Expand your Lego robotic creative power by changing the assortment of sensors and motors. You can build animal, humanoid, or vehicle robots that think, hear, and feel like never before. Users need experience with *Lego Mindstorms*.

Lights, Camera, Action (4-9)

If you enjoy movies and acting, this class is for you. Students will create short skits in small groups to hone their skills, and then the entire class will create a movie complete with costumes and props. We will discuss different genres of film and play various film-themed games as well.

The Magic School Bus (K-2)

Join the Frizz aboard the Magic School Bus for hours of fun and adventure. Travel inside the earth, a hurricane, the human body, and the solar system. Return to the age of dinosaurs and explore the ocean depths for a spectacular learning adventure. This class is based upon the popular series of children’s books.

A Mission to Mars (K-2)

Do you ever wonder what life lies beyond our own planet? Well, here is your chance. As a team, you will build your rocket ship and head into the vast unknown where you will set up your own space station. While on Mars, you discover an unknown substance “oobleck” which you must check for safety. All the while you worry, are there really little green men watching you as you work? Is that an alien space craft hovering nearby? Maybe it’s time to pack up and head for home.

Sunflowers, Sailboats, and the Seaside (K-2)

Grab you beach towel, your suntan lotion, and let’s head to the beach and the countryside. Create your very own sunflower garden, simple sailboat, painted flower pot, and pop-up garden card. Design a “Car Travel Activity Book” to keep you entertained. Make ice cream, a vacation memory book, and more as you head of for your summer vacation.

Yum, Yum, That Was Fun! (3-5)

From cool foods for fun fiestas to meals to starts your wheels, this class has it all. Students will be introduced to basic cooking techniques, tools, and ingredients. Enjoy berry frozen fruit pops, sandwich pockets, pita pizza, bagel faces, baked quesadillas, or berry parfaits. Design your own recipe book so you can re-create all your yummy treats and, perhaps, visit a unique restaurant or two.

Preschool**The Circus Is Coming to Town**

Come to the “Big Top” and learn all about the circus! Practice juggling and tightrope walking. Create balloonies, fluffy clown faces, and cotton candy. Design your own zany clown routine and become a performer in “The Greatest Show on Earth”!

The grade shown is recommended, but is flexible based on parental discretion.

The Bone Wars (3-5)

Did you know there really were “Bone Wars”? These battles took place between two of the country’s greatest fossil hunters – Othniel Marsh and Edward Cope. Travel back to the 19th C. and look at the events that resulted in hundreds of new dinosaur finds - finds that included theft, bribery, and trickery. Learn about the dinosaurs they discovered and see how the world of dinosaur hunting has changed over the past hundred years. Assemble your own dinosaur from bones found by you, simulate the solar heating of a stegosaurus’s blood, create your own fossils, and more.

Dear America (3-6)

Join more than two dozen young American girls whose diaries give a unique perspective to the glorious, and sometimes not so glorious, events in American history. From the colonial period through westward expansion, from the Civil War to the sinking of the Titanic, from the Depression to the Civil Rights Movement, come explore American history through the eyes of these young women. Engage in candle and soap making, create a hair wreath and a cameo, bake Hannah Potts Whipple’s ginger cake, enjoy a “Shirley Temple”, and more in this brand new class.

Geology Rocks! (K-2)

Dig into the ever-changing earth and discover how geology rocks our world every day. Explore the planet Earth from its red-hot center to the top of its tallest volcano. Dig-in, build, and create all things geologic with hands, mind, and feet. Hold a “quake-proof” contest, catch a falling star. Make a mini glacier and a volcano. Create models of minerals with gumdrops, toothpicks, and plastic bags. Come, help solve some of geology’s greatest dilemmas.

Global Art (K-2)

Combine geography, culture, and history as we explore activities, projects, and inventions from around the world. Make beetles and other scarab stones from ancient Egypt. Paint your face in the style of the Kathakali theater performers from India. Weave and bend straw ornaments from Sweden. Design a Karensansui mini garden from Japan. Come travel the world and learn to appreciate all the people who live in it.

Grokking (5-9)

After an absence of several years, this extremely popular class is once more able to appear as part of our program. Using problem solving skills and forecasting techniques, students will travel through time and see how civilizations grow and develop. Through a variety of simulations and games, groups will focus on issues such as war and peace, international mega corporations, super-bureaucracy, biological engineering, mind control, and individual privacy.

Loco-Motion (4-8)

Using *Loco-Motion* as a guide, students build and test models for land, sea, and air. This wide variety of activities propels students to learn the physics of motion, air pressure, gravity, and electric circuits. Build balloon racers, hovercrafts, electric cars, swamp boats, straw rockets, submarines, flying saucers, and more while exploring the fundamental principles of science.

Marvelous Munchies ((3-9)

Gobble up brontosaurus bites, taco popcorn ole, pizza rollers, and moon rocks. Create wormy apples, vegetarian Martians, inside-outside turkey sandwiches, firecrackers, delicious dominos, and whirligigs, in this fun fest for your taste buds. Design your own recipe book, as well, so you can recreate these tasty dishes at home.

Polar Partners (K-2)

Pack your parka and let’s head for the Polar Regions. Find out what life is like in the Arctic and Antarctica. Meet penguins, polar bears, snowy owls and lemmings. Create your own ice berg and paper plate penguin. Learn how to protect these fragile regions, and meet the explorers who ventured to discover them.

The Very Hungry Caterpillar (K-2)

Meet all the interesting characters in Eric Carle’s many books – the very hungry caterpillar, the hermit crab, the slow sloth, the 10 little rubber ducks, the grouchy ladybug, the busy spider, the quiet cricket, the clumsy click beetle, and the lonely firefly. Enjoy the stories themselves as well as find out about the real animals. Make your own hermit crab and caterpillar, make an insect collage, play the “hungry caterpillar” game, and more.

Preschool**Mudpies and Magnets**

Come join us for a summertime adventure as we discover the world all around us. Take your fingers for a walk, put a rock to bed, make a greenhouse and a bug catcher, create an instant volcano, design a leaf print, and more in this nature-based class.

The grade shown is recommended, but is flexible based on parental discretion.

Berry Smudges and Leaf Prints (K-2)

Have you ever wondered how people painted, wrote, or drew before there were crayons, paints, and pencils to buy? Well, now is your chance to find out. Using plants and fruits found in yards, parks, and gardens (or the produce section of your grocery store), you can make your own colorful assortment of dyes, and paints. Create a yellow nature weaving, green spinach ink and great green leaf prints, use dried or pressed purple flowers to make a bookmark, and more as you enjoy the rich variety of nature's colors.

Bugs, Blooms, and Butterflies (K-2)

Engage in summer fun with the exploration of bugs, blooms, and butterflies. Create flower hangings, flower jars and grow your own flower garden. Make clothespin butterflies, butterfly sandwiches, egg cup spiders, prune spiders, and more. Enjoy stories, cook up some treats, sing songs, and play games that introduce you to some new summertime friends.

Cook-a-Book (K-2)

Provide food for thought as well as the tummy! Combine some of your favorite children's books with the very foods eaten by characters in the stories. Enjoy Paddington Bear's marmalade, Dr. Seuss' scrambled eggs, Little Jack Horner's Christmas Pie, Walter the Baker's pretzels, and other taste-tempting treats. With everything from pancakes to pies, there is something for even the fussiest of eaters!

Cool Crafts for Cool Kids (3-5)

Come try your hand at a variety of cool craft projects. We will explore everything from beaded jewelry, melt and pour soap, rubber stamp art, scrap booking, painted treasure boxes and picture frames, calligraphy, printmaking, collages, sculpting superheroes, and more in this class for all art lovers.

Dandelions, Dirt, and Dogs (K-2)

Enjoy the fun of summer with dogs, dandelions, and dirt. Go on a dandelion hunt, make dandelion seed pictures, and enjoy dandelion eggs. Create mud sculptures, mud fingerprints, and go on a mud safari. Design a dog puppet, a doggie bone snack, and pear puppies. This is the time of year to have fun in the "great outdoors".

Dec-Your-Space (5-9)

Here is a chance to decorate your room! Create bulletin boards, picture frames, pillows, desk accessories, and a variety of other items from free or inexpensive materials – all of which can be used to give your room, or any room, an entirely different look. A few field trips may be involved to get the powers of inspiration flowing.

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The Games of theXXX Olympiad (3-5)

Join us for our own version of the 2012 Olympics. Learn the history of the Olympics as well as some of the great figures who made the Olympics what they are. We also will set up our own version of the games including such events as track and field, badminton, basketball, etc. Medals will be given for the winners of each event.

The International Gourmet (4-9)

Take your taste buds on a trip around the world with potato champs from Ireland, paprika cheese sticks from Hungary, Maori bread from New Zealand, and apple pancakes from Germany. Enjoy an international cook-out, a tropical beach party, an ice cream party and more as you explore the international world of food.

Oozing, Gloppy, and Sticky Science (2-4)

Explore the sciences of biology, chemistry, physics, earth science, and astronomy with these awesome, magical, and bizarre science experiments. Discover how rocks change shape, how tigers talk with their tails, and how to clean up an oil slick. Make a water drop lens, a hungry fungus, a migrating eye, and more in this wacky and drippy class.

Sneaky Uses for Everyday Things (5-9)

Who knew you could do so much with so little? Learn how to make your own counterfeit bill detector, create your own home security system, build a plastic "hydrogen bomb", make a compact fire extinguisher with items found in any kitchen, create your own personalized electronic greeting card. Work with hydrogen fuel cells, rocket engines, laser data transmitters, Gauss rifles, and more in this class designed to channel your inner geek.

Preschool**Watermelons, Worms, and Whales**

The letter “W” is perfect for summertime fun! We can bring swimsuits and play in the water or test capillary action with celery stalks. How about eating some nice cold slices of watermelon or watermelon pops? We can make worm collages and, maybe, an earthworm farm. It’s off to the ocean to create a paper bag whale and enjoy some whale snacks.

The grade shown is recommended, but is flexible based on parental discretion.

All Aboard (K-2)

All aboard for this railroading adventure! Using Lego building sets, young engineers can design and build their own railroads. Students can construct track layouts, build railroad cars, create scenery, take their products to market, or travel to far-off places. So, pack your bags and get ready for the whistle to blow.

Cartoon Capers (3-5)

Do you like drawing? Do you want to learn to draw your favorite cartoon characters you see on television? In “Cartoon Capers” students will be introduced to different techniques that cartoonists use when creating characters and analyze some popular comics that can be found in today’s newspapers. Students will hone their drawing skills and create their own cartoon segment.

Captivating Chemistry (3-5)

Discover the world of science just by using things normally found in a kitchen. Use red cabbage as a pH indicator, practice candy chromatography, test for iron in cereals, and turn steel wool into a glutinous green blob. Have fun while you learn simple chemistry from a solution of colored water, and the behavior of gases with the help of a soda bottle.

CSI Forensic Science Lab (6-9)

Come find out what a real forensic scientist does. Check “blood” samples, match DNA, analyze fingerprints, and explore a crime scene. Compare real forensic science with what you see on TV. Solve a variety of mysteries and practice your own forensic skills. A trip to the Bloomington Police Department is possible.

Getting to Know Bloomington (4-9)

From the cool to the unusual, photograph, scrapbook, and scavenger hunt your way across the historic, artistic, delicious, unique, and adventuresome spots of Bloomington. Students will walk and take the city bus as they explore “hidden” and little known areas of our city and the surrounding area. **Students need to provide their own digital cameras.**

Gobble Up Science (K-2)

Here is a fun and unique way to learn about science and nutrition. Activities and experiments will motivate children to think about talented taste buds, wacky water, marvelous mixtures, riveting reactions, colorful creations, dynamic digestion, crunchy crystals, and earthly eats. Explore a “soupy suspension”, make some cool glass, or whip up some teeth treats. Exploring the world of science has never been more delicious!

Medieval Daze and Knights (3-6)

Join Robin Hood and his Merry Men for a romp through Sherwood Forest. Explore the development of medieval armor and weaponry and design some of your own. Create your own coat of arms according to the rules of heraldry. Learn to build a siege engine and take a castle by storm. Future knights will learn to write in invisible ink in order to pass on coded messages as well as enjoy some of the tasty treats that would await the lord at his high table.

The Oceans Deep (K-2)

Dive deep under the sea and meet the creatures that live there. Create a sassy sea horse sculpture. Make a water snooper, a flying fish kite, a shoebox reef, and a puffer fish piñata. From tide pools to sun-lit waters to the deep water world, come learn about sharks, sea turtles, dolphins, and more.

Pokemon Tournament Strategy (4-9)

In this class, students will learn the rules of the Pokemon Trading Card Game, or TCG. Depending on the number of students in the class and the time available, students may learn other TCG. I will show students my own cards, as well as teach them the rules of the TGCs. The more students, the larger the tournaments we can hold. I hope to have a “Prize” for the winner – a fully playable deck, or, at least a card pack for each student. The emphasis of the class is on using strategy and problem solving skills.

Primary Art (K-2)

Explore unusual materials and develop art skills with such hard-to-resist activities as shimmer paint, squeeze batik, a crinkle-cruncher and loopy doo-it, Create a crystal winter and sparkly layered snow. Design a big bag sculpture or a festive festoon. What about breezy baggies or warmed leaves? The possibilities are endless as each child begins to discover his or her unique artistic abilities.