

**\*\* Summer School classes at Middle School \*\*****Around the World with Art - Grades 4-6**

Students will explore the vast array of artwork in various cultures around the world. Using images and designs from worldwide artists', students will create two and three-dimensional artworks and learn about the folklore, traditions, and regional lifestyles. Starting with a Passport, the students will visually visit new and exciting areas and create artwork from the countries they visit while learning some highlights of the countryside and its people. Australia, Japan, Africa, Spain, Turkey, United States, and Germany, are a few of the continents that will be visited.

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**Camp iPad - Grades 4-6**

Camp iPad is about discovering apps that will help you create projects and learn more about technology using games and videos. You will create your own website, use apps such as iMovie, GarageBand, Pages, and Kahoot, not to mention create animation and record your own stop motion video.

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**Comic Concoctions - Grades 6-8**

Does drawing cartoons all day sound like fun? Then this is the class for you! Learn new drawing, idea-gathering, and storytelling techniques. Projects you will be making include artist trading cards, an online art gallery, a mini-Chalkfest, and much more. Bring your creative ideas to share! See you there!

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**Cool Career Paths - Grades 6-8**

STEM, I.T., Manufacturing and Agriculture! This class will highlight 4 amazing career fields with hands-on activities at our Middle School along with tours and activities at NTC's state of the art facilities. Each week will have students involved in activities such as welding, solving engineering problems, programming robots, and seeing a robotic milking system in action at the NTC farm. This is a full-morning class.

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**Creative Cooking - Grades 5-6**

Who says you can't play with your food? Express your creativity as you turn recipes into pieces of art. You will capture the beauty of your food creations by keeping a photo journal for each recipe. The basics of food preparation will be introduced while trying crafty recipes such as decorative desserts, personalized pizza, spaghetti nests, pancake art, and so much more. \$10 materials fee.

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**Developmental Math - Grades 6-7**

This session is designed to provide instruction in basic mathematics skills for students needing additional instruction and practice. The daily instruction will focus on building computation skills, developing conceptual understanding, and problem solving through the use of math games, computer software, and direct instruction.

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**Discovery Education STEM Camp - Grades 5-6**

"Our kids are the next generation of innovators, problem solvers, & game changers." Join us in Discovery Education STEM (Science, Technology, Engineering, & Math) Camp as we build the skills that will serve as your tool set for the future! During the course of four weeks, we will become engineers as we experiment with hands-on labs, work with engineering challenges, and use technology to solve problems.

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**Environmental Camp - Grades 4-7**

Experience the outdoors!!!! Environmental education will be a fun and exciting class for boys and girls who like exploring the outdoors and love hands-on activities. Students will learn about the environment while partaking in lifelong skills such as canoeing, hiking, and camping. Story telling, a campfire and team building will enhance each student's appreciation of the outdoors. This unique experience is held at Twin Oaks Environmental Center. Busing will be provided daily to and from Twin Oaks. This curriculum is repeated each year. Students who register for this class a second time will be placed into other open classes.

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**I Can Do the Cube! - Grades 5-6**

Gain 21st century skills through STEAM, learning by solving the Rubik's Cube in 6 steps. Then use your knowledge to get involved in a speed competition and/or create a mosaic (picture) using 100+ Rubik's cubes. This class is for students who are just beginning their Rubik's cube journey.

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**Join the Green Side - Grades 5-8**

Have you ever wondered what it means to be green? Get ready to learn through hands on activities what climate change is and how you can reduce your carbon footprint. Students will be challenged to create a functional compost bin, grow their own edible plants, cook with locally grown ingredients, engineer a wind or hydroelectric turbine, make green cleaning products, reinvent uses for old clothing and design a sustainable city.

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**\*\* Summer School classes at Middle School \*\*****Lego Physics - Grades 4-6**

Lego Physics is a hands-on learning adventure that will teach about forces, motion, and simple machines. Students will use special Lego "Dacta" building sets to construct models to demonstrate these principles. Additionally, there will be many challenges where students will have to think "out of the box" and build models to help solve hypothetical problems on real world situations.

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**Lego Robotics & Minecraft - Grades 5-7**

Have you ever build something with Legos and then wonder how cool would it be if it moved on its own? Well now is your chance to build things with Legos and then bring it to life with Lego Mindstorms. We will explore how to program Lego Robots and learn how they will navigate obstacle courses by themselves! You will also learn to program with Minecraft. This is a full-morning class.

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**Mud, Monet and More!!! - Grades 4-6**

Hey BOYS and GIRLS, would you like to make Clay Wind chimes, form Clay Critters, Paint Rocks, design Totem poles, create Bird Baths and paint all sorts of Plants, butterflies and Bugs on a garden shed? These and more garden delights while exploring the Art of Claude Monet and his outdoor (Plein Air) Painting!! Grab your easels and let's dig into the Middle School Garden with Mud, Monet and More!!!

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**Musicals and Me - Grades 4-8**

Have you ever wanted to be a part of a musical production? Well, here is your chance! In Musicals and Me, students in grades 4-8 will study the various aspects of acting, directing, designing, singing, dancing, and stage management. Students will go through auditions, be assigned roles, create costumes and scenery, and work together to produce an entire musical. Every student in the class will have a role! Our final assignment: performing our musical, onstage, for family and friends. Join DC Everest Musical Directors Mr. Atkinson and Mrs. Vesper for this valuable learning experience. \$5 materials fee.

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**Picture This - Photography! - Grades 6-8**

Do you love taking pictures? Do you want to learn how to do it even better? Learn the fundamentals of photography, some great tricks to use, and then we'll go out and practice. We'll even cover Selfies! Once you've captured amazing pictures, we'll explore picture editing programs and video programs to make your very own digital portfolio.

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**READ 180 (Developmental Reading) - Grades 6-8**

READ 180 is a reading intervention program designed to improve the skills and raise the test scores of students who read below grade level. A computer component helps to individualize instruction; students also receive direct instruction and guided practice. Throughout the course, students learn to use reading as a fundamental tool for learning, enjoying literature, and becoming confident readers.

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**Reading the Winners (Enrichment Reading) - Grades 6-8**

This course will provide students with an opportunity to read and evaluate recent award winning books. Selections will include literature that has been recognized as distinguished by organizations such as the American Library Association, National Book Award Committee, and others. Students will also be exposed to award winning picture books and the impact of artwork on the story. Technology will be infused into the reading experience as students produce multimedia book trailers. Students will become familiar with a variety of web-based tools that can be used to inform their reading selections. Designed for self-motivated students who read at or above grade, the course will be tailored to meet the needs of the individual student and motivate them to keep reading throughout the summer.

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**Sports for Life - Grades 4-7**

Bring your gym shoes and gear up for a "sportstacular" summer of fun to last a lifetime. CAUTION: Adventures in Sports are about to happen!

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**Students Taking Charge! - Inside the Active Learner - Grades 4-6**

"Students Taking Charge" is a class designed for the student who likes to solve puzzles, figure things out, and work with a team to solve a mystery. We will look at a problem each week and work towards a solution. A focus on creativity, critical thinking, communication and collaboration is essential to prepare students for the future.

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**Technology Education - Grades 4-6**

Technology Education will be a fun and exciting class for boys and girls who like hands-on activities. Tech. Ed. will be project-based; not centered on quizzes, tests, and homework. Some of the activities will include: model airplanes, solar cookers, candy machines, water rockets, business tours, and printing a personal design on a T-shirt. Get ready to have FUN! \$10 materials fee.

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