

Musical Engineering

Instructor(s): Janna Remien

Grade: 1-2 Offering: Week 1 AM/PM; Week 2 AM/PM; Week 3 AM/PM

This week will allow students to experience music to its fullest by exploring what makes sound. We will be responding to music through artistic creations and experimenting with how sound waves are created with hands-on experiments. Using the design process, we will use what we have learned to create our musical instruments, capturing their unique music in visual waves.

Minecraft: Beginner Redstone

Instructor(s): Cary Joice

Grade: 1-2 Offering: Week 1 AM; Week 2 AM; Week 3 AM

Are you a brand new player to Minecraft!? Or, have you been playing for a little while and are curious about how to take your builds to the next level? This class is for ANYONE who wants to learn more about Redstone--electricity within Minecraft! We'll learn to create Redstone machines to automate Minecraft builds while also discussing how it relates to the real world.

World Perspective Detective

Instructor(s): Megan Minno

Grade: 1-2 Offering: Week 1 AM/PM; Week 2 AM/PM; Week 3 AM/PM

What would life be like if you stepped into someone else's shoes? What if that person lived somewhere else in the world? In Africa? In South America? Join us for a fun filled week as we explore 7 different children's perspectives and lives around the world! You may be shocked to find out that their perspective is not much different from yours...

Game Master

Instructor(s): Kameron Riley

Grade: 1-2 Offering: Week 1 AM

Do you love logic puzzles, word puzzles and strategy? Join this course and become a Game Master! We will learn to play and master a wide variety of Mensa Award winning board games. We will also dive into challenging, mind bending puzzlers and brain teasers. After this course, you will have an entire list of games you will want to keep playing all summer long.

Chess Masters

Instructor(s): Todd Bardwick

Grade: 1-5 Offering: Week 2 AM

Jump on board with this beginning/intermediate class! Students will be taught chess strategy, tactics, and etiquette by National Chess Master Todd Bardwick. Begin with the fundamentals and basic rules used in tournament play. Learn to apply chess concepts in the opening, middlegame and endgame. Master strategy along with tactics and etiquette. Todd will teach half the time, and the kids will play against each other the other half of the time.

Advanced Chess Masters

Instructor(s): Todd Bardwick

Grade: 1-6 Offering: Week 2 PM

*Prerequisite: Must have already completed Chess Masters or be an advanced/experienced chess player. Students cannot be enrolled in both Chess Masters and Advanced Chess Masters at the same time. Students will be taught chess strategy, tactics, and etiquette by National Chess Master Todd Bardwick. If you're looking for a challenge and would like to amp up your game of Chess, this class is for you! Students will be introduced to complicated tactics, advanced strategies, and thinking patterns that chess masters use to play the game in the opening, middlegame, and endgame. Complex chess variation analysis methods will be taught, and instruction will include selected positions and games that show advanced chess concepts. Todd will teach half the time, and the kids will play against each other the other half of the time.

¿hablas español? Beginning Conversational Spanish Immersion

Instructor(s): Kameron Riley

Grade: 2-3 Offering: Week 2 AM

A fun and immersive introduction to conversational Spanish combined with an exploration of the connection between culture and language. Learn beginning Spanish conversation through songs, games and interactions. Investigate and explore Spanish speaking countries and cultures all around the world!

Sports Camp

Instructor(s): Jeff Gaede

Grade: 2-4 Offering: Week 1 PM; Week 2 PM

Analyze what type of athlete you are! Experience aerobic and anaerobic challenges, fitness stations, develop leadership skills and learn how to leverage your strengths and weaknesses. Learn how fitness impacts your body both mentally and physically. Build your collaboration skills through various sports and physical activities. Students will vote on what sports they want to focus on for the week.

Minecraft: Intermediate Redstone & Command Blocks

Instructor(s): Cary Joice

Grade: 2-4 Offering: Week 1 PM; Week 2 PM; Week 3 PM

Have you tinkered around with Redstone but want to know more? Are you excited at the idea of building more complex machines? Are you interested in learning the basics of Command Blocks? This class is for you, then, as you become more proficient at navigating the "programming" side of Minecraft!

Taekwondo

Instructor(s): Chris Turnquist

Grade: 2-5 Offering: Week 1 PM; Week 2 PM; Week 3 PM

Be part of something that is over 2,000 years old. You will learn the history of taekwondo while practicing the five areas of taekwondo: Bully Basics, Self-Defense, Forms and Blocks, Kicks and Board Break, and Pad Drills. Through this high energy class, you will have the knowledge of a yellow belt by the end of the week.

HydroLogic

Instructor(s): Chris Turnquist

Grade: 3-5 Offering: Week 1 AM; Week 2 AM; Week 3 AM

What would you drink if you were stranded on a desert island? What if you lived in a village without clean water? What if there was an oil spill in the water in which you relied on for survival? In this environmental engineering class, we will dive into these problems through hands-on investigation. You be the engineer!

8-Bit Hero

Instructor(s): Ryan Remien

Grade: 3-5 Offering: Week 1 AM; Week 2 AM; Week 3 AM

Calling all gamers! Do you have a passion for playing video games? Have you ever considered creating your own? In 8-Bit Hero, we will design, program, and develop multiple video games ready to publish and share with the world. Your future in game-design starts now!

Expedition Mars

Instructor(s): Ryan Remien

Grade: 3-5 Offering: Week 1 PM; Week 2 PM; Week 3 PM

On February 18, 2021, the Perseverance Rover (“Percy”) landed on Mars to explore and collect data for Earth’s scientists. This information will be instrumental in helping NASA realize the dreams of the Artemis program, sending the first woman and next man to the Moon, and eventually, Mars. In Expedition Mars, students will explore science and technology used by NASA in the Artemis Program. We will build and program rovers and drones, use code to program simulations, discover information about the Red Planet, and more!

Yoga for Young Scholars!

Instructor(s): Kyra Matthews

Grade: 3-5 Offering: Week 1 PM; Week 2 PM; Week 3 PM

This class will mix up everything we love about art, PE, music, theater, cooking, and health! Scholars will learn how the practice of Yoga can help us manage and balance stress, emotions, school, and home responsibilities. We will explore ways that Yoga can protect us from stress and allow us to thrive into the big kids we are becoming. Join us for a week of fun and games, joy, and relaxation!

Stop Motion Story Telling

Instructor(s): Naomi Meredith

Grade: 3-5 Offering: Week 1 AM; Week 3 AM

Blend your storytelling skills and creativity in this course, Stop Motion Storytelling. You will have the opportunity to merge your building and filmmaking skills with stop motion animation while also blending in green screen and sound effects. Previous experience isn’t necessary for this exploratory class.

Who Dunit?: The Murder Mystery Science Theatre Course

Instructor(s): Alexa Wynschenk & Sarah Shields

Grade: 3-5 Offering: Week 1 AM

Was it the chef with the wrench in the library? Or the maid with the pipe in the den? Rather than cards and dice, you'll use science and theater to write and act crimes of your own device, and solve the mysteries constructed by your peers with your newfound knowledge of forensics. Explore the roles of great fictional detective Sherlock Holmes & his creator, mystery novelist Sir Arthur Conan Doyle, by enrolling in WHO DUNNIT!

Printmakers Workshop

Instructor(s): Callae Mock

Grade: 3-5 Offering: Week 1 AM/PM; Week 2 AM/PM

In this class we will be learning about the art of printmaking and exploring making meaning in art through the lens of a printmaker. From Styrofoam engravings, cardboard collagraphs, aluminum foil and plastic monotypes, to gelli prints, we will be learning about the many different varieties of printmaking styles. Be ready to get messy and have fun as we will be printing with ink, paint, and marker!

Game Master

Instructor(s): Kameron Riley

Grade: 3-5 Offering: Week 1 PM

Do you love logic puzzles, word puzzles and strategy? Join this course and become a Game Master! We will learn to play and master a wide variety of Mensa Award winning board games. We will also dive into challenging, mind bending puzzlers and brain teasers. After this course, you will have an entire list of games you will want to keep playing all summer long.

Beyond Filters: Intro to Digital Photography - ELEMENTARY

Instructor(s): Ian Doshier

Grade: 3-5 Offering: Week 1 AM; Week 3 AM

In this class students will take time to explore the ordinary and discover the beauty hidden within. They will develop an appreciation for artistic design and the basic tenets of digital photography, all while beginning to find their own artistic voice and perspective. Students will be able to analyze images as a photographer and use specific vocabulary to be able to explain and express themselves.

Telling A Story with Photography: Intermediate Digital Photography - ELEMENTARY

Instructor(s): Ian Doshier

Grade: 3-5 Offering: Week 2 AM

In this class students will further their development of their artistic voice and perspective, with the opportunity to work with freedom and independence in telling a story through their own eyes and viewpoint. Students will also have an opportunity to work with digital photo editing tools to further develop their skillset in refining, manipulating, and altering digital images.

Change Makers: You can make a difference!

Instructor(s): Kameron Riley

Grade: 3-5 Offering: Week 3 AM/PM

Do you feel a calling to make a difference in the world? In this course, you will work with a team to isolate a local, national or global issue and find a way to make a change! Be prepared to explore your own passions and interests, discover your strengths and learn to work as part of a dynamic team. You can make a difference!

Acting Up

Instructor(s): Heidi Shriver

Grade: 3-5 Offering: Week 1 AM; Week 2 AM; Week 3 AM

This theatre class is designed for upper elementary students to explore the fun and creativity of building characters, and of interacting with other characters on stage. We balance learning the pillars of individual performance with the building of an ensemble of young actors. Each session incorporates theatre games and activities that lead to application with monologues and scenes. We focus on specific acting skills, with increasing complexity, using age-appropriate techniques and text. Students will prepare monologues and/or scenes for a final Acting Up presentation on the last day of class.

Apps of the Future

Instructor(s): Michelle Kim

Grade: 4-5 Offering: Week 1 AM; Week 2 AM; Week 3 AM

What a better way to spend a week - develop an app of the future! This class is an introductory coding/design course where students will use the Design Process, creativity, collaboration, and an in-depth look into details surrounding app development and creation. We will use basic block coding and critical thinking skills to create successful apps that will be proposed and pitched to parents and peers.

¿hablas español? Beginning Conversational Spanish Immersion

Instructor(s): Kameron Riley

Grade: 4-5 Offering: Week 2 PM

A fun and immersive introduction to conversational Spanish combined with an exploration of the connection between culture and language. Learn beginning Spanish conversation through songs, games and interactions. Investigate and explore Spanish speaking countries and cultures all around the world!

LEGO STEM Robotics 101

Instructor(s): Bryan Winterhalter

Grade: 5-8 Offering: Week 1 AM; Week 2 PM

In LEGO Robotics, we will focus on building a MINDSTORM EV3 Robot, learning basic programming, turns, and operating a 3rd motor. In addition, students will program the robot to use light, ultra-sonic, and touch sensors. By the end of this session, students will know how to program a robot to complete a variety of tasks designed to test all skill levels. While this class is designed for the LEGO Robotics beginner, all experience levels are welcome to join.

Advanced LEGO STEM Robotics

Instructor(s): Bryan Winterhalter

Grade: 5-8 Offering: Week 1 PM; Week 3 AM

In Advanced LEGO Robotics, we will focus on designing a MINDSTORM EV3 Robot, learning advanced programming, turns, calculated distances, and operating a 3rd motor. In addition, students will program the robot to use light, ultra-sonic, and touch sensors. By the end of this session, students will increase their expertise in coding a robot to complete a variety of tasks designed to challenge their skill levels. Tasks include but are not limited to FLL challenges tables, battle bots, and challenge obstacles.

Movie Making Magic

Instructor(s): Bryan Winterhalter

Grade: 5-8 Offering: Week 2 AM; Week 3 PM

Movie Making Magic is a class designed for students to discover and learn video editing techniques. Students will explore the power of Green Screen and Stop Motion Animation. Each day students will script, direct, and create a new video. Students experience We Video, Do Ink, and stop motion apps to create their masterpieces. This class is designed for any student that is curious, creative, and interested in creating fun and exciting videos. All students, from beginners to experienced in video production, are encouraged to attend.

The Magic Mind

Instructor(s): Kyle Cahill

Grade: 5-8 Offering: Week 1 AM/PM; Week 2 AM/ PM; Week 3 AM/PM

In "The Magic Mind," we will be looking into how the brain makes choices and interprets new information by learning magic tricks and the misdirection that makes them effective. Students will learn various techniques, including card tricks, coin tricks, mathematical tricks, and psychological tricks. At the end of the week, students will perform.

Sound Design & Storyboarding

Instructor(s): Jon Rose

Grade: 5-8 Offering: Week 1 AM; Week 2 AM

how it can change the meaning behind visuals, play with people's emotions, and how it can deeply impact the engagement of your viewers or listeners. We'll get into ducking, sound effects, transitions, and how to make sure you're presenting something nice, cohesive, and polished for the purpose you desire (Youtube, twitch, etc.).

Yoga for Scholars!

Instructor(s): Kyra Matthews

Grade: 6-8 Offering: Week 1 AM; Week 2 AM; Week 3 AM

This class will mix up everything we love about art, PE, music, theater, cooking, and health! Scholars will learn how the practice of Yoga can help us manage and balance stress, emotions, school, and home responsibilities. We will explore ways that Yoga can protect us from stress and allow us to thrive into the teenagers/adults we are becoming. Join us for a week of snacks and tea, joy, and relaxation!

Fantasy Baseball 101

Instructor(s): Thomas Wright

Grade: 6-8 Offering: Week 1 AM; Week 2 AM; Week 3 AM

Learn more about the game of baseball than you could ever imagine. In Fantasy Baseball 101, students will analyze statistics, implement fantasy baseball strategies, and explore the great American past time like never before. But don't leave your glove at home! Students will experience the game firsthand by bringing their knowledge from the classroom to the field. By the time the week is over, students will know more about the game than they ever thought possible.

Fantasy Football 101

Instructor(s): Thomas Wright

Grade: 6-8 Offering: Week 1 PM; Week 2 PM; Week 3 PM

Learn more about the game of football than you could ever imagine. In Fantasy Football 101, students will analyze statistics, implement fantasy football strategies, and explore the great American past time like never before. But don't leave your glove at home! Students will experience the game firsthand by bringing their knowledge from the classroom to the field. By the time the week is over, students will know more about the game than they ever thought possible.

Acting Up

Instructor(s): Heidi Shriver

Grade: 6-8 Offering: Week 1 PM; Week 2 PM; Week 3 PM

This theatre class is designed for middle school students to explore the fun and creativity of building characters, and of interacting with other characters on stage. We balance learning the individual pillars of individual performance with the building of an ensemble of young actors. Each session incorporates theatre games and activities that lead to application with monologues and scenes. We focus on specific acting skills, with increasing complexity, using age-appropriate techniques and text. Students will prepare monologues and/or scenes for a final Acting Up presentation on the final day of class.

Tasty Science

Instructor(s): Casey Schmitz

Grade: 6-8 Offering: Week 1 AM; Week 2 AM; Week 3 AM

Food-prep videos have become all the rage on social media. Shot from an overhead point of view, these videos are sped up to show viewers how to prepare a variety of recipes in mere seconds. Students will work in small groups to research the science behind their recipe, prep food, shoot step-by-step instructions, edit the footage, and even select their own music to accompany their video. Tasty Science is a course designed for students who have a love for cooking/baking, science, technology, and collaboration.

Who Dunit?: The Murder Mystery Science Theatre Course

Instructor(s): Alexa Wynschenk & Sarah Shields

Grade: 6-8 Offering: Week 1 PM

Was it the chef with the wrench in the library? Or the maid with the pipe in the den? Rather than cards and dice, you'll use science and theater to write and act crimes of your own device, and solve the mysteries constructed by your peers with your newfound knowledge of forensics. Explore the roles of great fictional detective Sherlock Holmes & his creator, mystery novelist Sir Arthur Conan Doyle, by enrolling in WHO DUNNIT!

Stepping Up from Wattpad

Instructor(s): Laura Blome

Grade: 6-8 Offering: Week 1 AM/PM

In the age of Wattpad, AO3, and Amazon, you don't have to be a paid professional to reach thousands of people with your stories. But what if "paid professional" author is still exactly what you want to be? In this course we'll learn about the many paths to publishing fiction and poetry that go beyond user-generated story archive sites to reach larger markets and new audiences--and maybe even make authors some money! Learn where to find publishing opportunities, how to stay away from scams, how to make professional writing connections, and explore which kinds of stories YOU want to tell and where you can go to tell them in this one-week crash course in fiction publishing.

Beyond Filters: Intro to Digital Photography - SECONDARY

Instructor(s): Ian Doshier

Grade: 6-8 Offering: Week 1 PM; Week 3 PM

In this class students will take time to explore the ordinary and discover the beauty hidden within. They will develop an appreciation for artistic design and the basic tenets of digital photography, all while beginning to find their own artistic voice and perspective. Students will be able to analyze images as a photographer and use specific vocabulary to be able to explain and express themselves.

Telling A Story with Photography: Intermediate Digital Photography - SECONDARY

Instructor(s): Ian Doshier

Grade: 6-8 Offering: Week 2 PM

In this class students will further their development of their artistic voice and perspective, with the opportunity to work with freedom and independence in telling a story through their own eyes and viewpoint. Students will also have an opportunity to work with digital photo editing tools to further develop their skillset in refining, manipulating, and altering digital images.

Hollywood Goes to War: Film & War (2 Week ALL Day Course)

Instructor(s): Laura Blome

Grade: 7-8 Offering: Week 2 All Day and Week 3 All Day

***Please be aware - this is a 2 week ALL day course (8:15am - 3:30pm) - running Monday through Friday June 14 - June 25.

Since the invention of film, humans have been using movies to explore war and conflict in our lives. But what have these movies been saying? What is "Captain America" trying to tell us, and what does it leave out? Why ARE there so many World War II movies, anyway? We'll be analyzing the filmmaking and storytelling behind one hundred years worth of conflict in cinema to answer these questions, and more, in order to tell conflict stories of our own. Students and parents should be aware that this course will include movies and film clips from movies with up to a PG-13 rating, as well as foreign language films, old films, and documentary material that are not rated. Additionally, due to the topic of the course, some films will contain violence, mild to moderate language, depictions of drug and alcohol use, and emotionally intense content that may be disturbing or upsetting to some viewers.