

COURSE TITLE	TEACHER	GRADE	DAY	COURSE DESCRIPTION
Biology Synthetic Dissection	Nicole Montgomery	3rd - 5th	TH/FRI	Bio Lab In this course students will discover more about the world around them through dissection, microscope use, in class lab activities, etc. This class will use a multidisciplinary approach involving art and technology as well. We will be using synthetic dissection specimens.
Butterfly Lab	Amanda Stegner	K - 2nd	TH/FRI	Butterflies: Students will conduct investigations and research for the Natural World Projects class. Our hands-on class projects in this class focus on butterflies: their lifecycle, habitat, various species, and much more.
Cake Pops	Valerie Hudec	3rd - 12th	TH/FRI	In this sweet little Baking class students will have fun together and (of course) practice making yummy baked goods and treats. Students in this class should not have any severe food allergies. We are careful to use alcohol-free vanilla and no lard or other meat products in this class.
Calligraphy	Catherine Young	6th - 12th	TH/FRI	This class will study Calligraphy, the art of beautiful writing. It will focus on learning the different supplies and techniques used in writing beautifully, such as markers, fountain pens, ink pens and nibs, and brush pens. We will cover several different alphabet styles and use those styles to create several projects including an illuminated frame.
Ceramics	Catherine Young	3rd - 12th	TH/FRI	Ceramics: Students will explore the history and techniques of clay and ceramic art work. Students will learn about then utilize different tools, materials, paint and glazes, and will fire hand-built pottery, sculpture and other projects in a kiln. Projects may include (but are not limited to) pinch pots, bowls, slab containers, tea pots and sculpture. Our perennially popular Ceramics class will have new projects to shape, fire, and glaze, and to challenge and dazzle both new and continuing students.
Chess	Matt Cripps	3rd - 12th	TH/FRI	Chess class is fun competition for all skill levels! Students should come knowing how all of the pieces move on the board.
Cooking	Holly Moody	1st - 12th	TH/FRI	Get ready to mix, measure, chop, and taste! In this fun, hands-on cooking class, kids will learn how to make simple and delicious recipes. Each class includes a cooking activity where students prepare their own recipes and enjoy what they make.
Drawing	Sophia Hamilton	1st - 12th	THURS ONLY	This class is designed to teach fundamental drawing skills. We will learn the basics of shading, color, and composition. Whether you are an experienced drawer or brand new, there will be opportunities to hone in your skills and learn new ones!
Famous Figures	Ashley Bacon	1st - 12th	TH/FRI	This class sweeps across human history throughout the Ancient world. We'll be visiting long-ago times all over the globe and introduce some famous people in early history to our young students. In this class, history will come to life, as students participate in exciting crafts and activities. This multidisciplinary class allows students to study world events highlighting human decision making using art, literature and technology.
Goldfish Swim	Off-Site	K - 6th	TUESDAY	This multidisciplinary Swim class is designed to enhance the student's physical education curriculum. Students study the basics of swimming in a cross-curricular manner as it relates to their personal fitness and wellness. Students will use technology to understand the workings of the human body and how exercise affects their body. The optional lab portion of the class is offered at GoldFish Swim School in Canton. Students will concentrate on the improvement of specific skills and strategies needed to successfully master and to safely enjoy swimming.
Imagination Station	Amanda Stegner	1st - 2ng	TH/FRI	Imagination Station Elementary students will love learning and growing through a multidisciplinary approach to literature, technology and art exploration. As we study each book we will integrate other subject areas so that students can make connections through their studies. Students will enjoy many hands-on projects to support what they have learned.
Intro to Drama	Kelly Petrie	1st - 5th	TH/FRI	Drama: Through a multidisciplinary approach, in this class students will participate in a general exploration of theatre that develops a better understanding of the elements of theatre, public speaking, voice projection, and creating a production using technology and artistic expression. Students will develop an understanding of the various roles in theatre and gain a greater appreciation through collaboration and practical application. Students will participate in all aspects of performing a play as well as hone interpersonal and team building skills
Journalism	Kelly Petrie	6th - 12th	TH/FRI	Youth-generated, journalism fosters news literacy and creates a sense of community. Students at will enjoy this creative, exciting, and stimulating multidisciplinary course in as they create an authentic newspaper/letter, and capture their memories yearbook. As students are transformed into reporters and editors, they will become effective in layout and design strategies, use the key elements of successful journalism and gain project management skills. Aspects of newspapers are covered, including parts of a newspaper, writing an article, online newspapers, newspaper reading habits, and layout and design techniques. Yearbook areas combine facets of technology, photography, design and writing.
Karate	Off-Site	K - 12th	WEDNESDAY	Karate: In this multidisciplinary course, students will concentrate on the improvement of specific sport skills and strategies needed to successfully master the techniques of karate and enjoy recreational sports. We will also learn about the history of different styles through time. Goals include: develop and maintain a high level of physical fitness, develop positive attitudes and behaviors relating to physical and mental well-being, to develop knowledge and understanding of physical education concepts and develop skills needed to participate in lifelong physical activities. Over time you will have the opportunity to earn a belt in this class.

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Lego Adventures	Valerie Hudec	1st - 5th	TH/FRI	Students in this STEAM (Science Technology Engineering Art Math) class grow in confidence and creativity as they build a variety of kits as designs specifically selected to fit each student's skill level. Students have opportunities for guided creative building and learn to build in an orderly fashion and to follow instructions. As their skills develop, they learn to design their own new creations using an assortment of pieces. Over the course of the class, students participate in activities and experiments, challenges and projects designed to demonstrate science and engineering concepts. Kits are made of toy bricks that are comparable to and compatible with other major brands like LEGO®.
Mad Scientist	Lindsay Steves	1st - 5th	TH/FRI	This multidisciplinary course will provide hands-on experiments and activities that promote critical thinking, creativity, and teach age-appropriate science principles. Through step-by-step experiments, predictions, observations, and conclusions, students will participate in class discussion and learn how science concepts relate to the real world. Additionally, small art projects and other hands-on activities each week will further reinforce and enhance the topic.
Morning Stretch/Afternoon Games	Nicole Montgomery Valerie Hudec	K - 5th	TH/FRI	AM Stretch / PM Active Games In this multidisciplinary class students will learn to develop a healthy lifestyle and to incorporate fitness into daily routines by making fitness fun. Students will also explore healthy eating habits, keep a digital fitness log, and are encouraged to use technology and artistic expression as part of their healthy lifestyle. After a couple of years of limited activities for children and teens, we thought a fun fitness duo would be a good option for our students - 30 minutes before and after our usual class times. Together, the two 30-minute sessions count as a single class. Students have the option to participate in both sessions or just one! The morning session will be a gentle wake-up mix of stretching and light exercise. For the afternoon session, we are planning a variety of very active games which may include running and racing, and will be outside on the lawn whenever possible. Children should wear comfortable clothing, in light layers as appropriate for the season.
Movie Making	Kelly Petrie	6th - 12th	TH/FRI	Through a multidisciplinary approach, students will create all the artistic elements for movies they create including characters, costumes and sets. They handle all of the movie's technical details including using a digital movie camera, digital editing and special effects. Students will learn about marketing concepts and artistic expression.
Myth Busters	Amanda Stegner	3rd - 12th	TH/FRI	"Busted", "Plausible", or "Confirmed" ? Experience the Mythbuster signature mix of scientific method, gleeful curiosity, and elbow-grease ingenuity. - Conduct hands-on investigations to put myths to the test in the classroom without the need for explosives, catapults or a fire extinguisher! - Review actual investigations and make predictions about the validity of each myth. - Discuss and compare our classroom results with actual Mythbusting conclusions. In this multidisciplinary class, students will explore activities to reason, think logically and explore the concept of reasoning and deduction. Through these fun activities in this project based class, students will collaborate with peers while applying strategies to problem solve, create solutions and apply these concepts to real world situations.
Nature Art Projects	Jennifer Walker	1st - 5th	THURS ONLY	Through a multidisciplinary approach, students will explore a variety of crafting opportunities which may include paper craft, yarn craft, sewing craft, and many other opportunities for expression. This will be a very hands-on class with demonstrations, creating projects, and lots of creativity.
Plant Lab	Amanda Stegner	K - 2nd	TH/FRI	Join us on an exciting adventure as we set out to discover the wonders of plants. We'll explore the world of plants through various hands-on living labs: dissect seeds, force bulbs, make leaf skeletons, build light huts, grow herbs - and much, much more. These hands-on activities combining with art will complement our lessons as we learn about plants from the roots up
Print Making	Catherine Young	3rd - 12th	TH/FRI	PrintMaking: Design and print a canvas bag design and T-shirt of your own to take home! Students will learn about the creative procedure of printmaking in this multidisciplinary class. Printmaking is a fascinating process that allows the artist to make multiple original works of art. It involves creating a design on one surface that is then transferred to another surface, usually paper or cloth. In this class we will explore different methods of printmaking including the age-old process of Suminagashi (a class favorite - creating prints by floating inks on the surface of water). Students will print their own canvas bags, and then a t-shirt design to wear and take home! Included are materials and techniques of the medium along with various subjective problems involving form, color, and composition, utilizing criticism and aesthetics. Some expert artists will be studied and their styles imitated. Painting projects may be inspired by famous art or may be original designs. Style will vary from classic to modern and abstract art.
Puppet Making/Puppet Show	Chelsi Denbeck	1st - 2nd	TH/FRI	Get ready to imagine, design, build, and perform in this hands-on, laughter-filled puppet adventure! In this exciting multidisciplinary course, YOU become the creator behind the curtain. This class blends art, storytelling, design, collaboration, and performance into one unforgettable creative experience.

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Real World Workshop	Lindsey Steves	6th - 12th	TH/FRI	This multidisciplinary course will explore Social/Life skills. This course may include basic manners and skills for social situations and effective communication skills. Basic manners, sharing, communication skills, conversation skills, employment skills, listening to others, managing anger, and other skills necessary in relating to others in daily life may be covered. Activities that lead to a more productive life like cooking, cleaning, or grooming may be explored as needed. This course may also explore safety and first aid for home and the public.
Recess Reloaded	Lindsey Steves	K - 5th	TH/FRI	The gym class is designed to enhance the student's physical education curriculum. Students study the basics of sports in a cross curricular manner as it relates to their personal fitness and wellness. Students will use technology to understand the workings of the human body and how exercise affects their body. Students will concentrate on the improvement of specific sport skills and strategies needed to successfully master and to enjoy recreational sports. Additionally, students will spend some time investigating team logic and game science.
Rocks Rock (Geology)	Chelsi Denbeck	1st - 5th	TH/FRI	In this hands-on class, students will investigate rocks, minerals, fossils, crystals, and more while learning how Earth has changed over time. Using science, art, and technology, they'll explore how rock formations and fossils tell stories about the past and discover careers in geology.
School Store	Valerie Hudec	6th - 12th	TH/FRI	Lunch Counter: Understanding and handling money properly is very important. So plan to have some fun with money skills! The activities you do will include problem solving, estimating costs, managing an inventory, filling orders, and making change while you do real life tasks at a snack counter during our school lunch period. (Profits, in the past, have been used to purchase laptops, renovate a corner of kitchen for our Lunch Counter, and purchase rolling cabinetry for Harbor storage.)
Science and Critical Thinking	Holly Moody	1st - 2nd	TH/FRI	This multidisciplinary class will use Scientific topics to introduce students to critical thinking attributes and life skills that can be applied to decision-making processes in their educational studies. Students will collaborate with peers while applying strategies to solve real life scientific problems and game based challenges. Prerequisites: None
Sculpture Art Projects	Holly Moody	1st - 5th	TH/FRI	This is an introductory course to 2D & 3D sculpture. We will be using a variety of sculpture techniques and materials to develop skills and provide a basis for creative development aimed at gaining sensitivity in the composition, observation, and analysis of sculptural form.
Secret Agent	Amanda Stegner	6th - 12th	TH/FRI	Can you keep a secret? Here's your mission: - Crack codes once used by real spies and learn to write your own codes and ciphers. You'll be able to write secret messages and "Csfbl uif dpof" after learning code-breaking techniques. - Perfect your spy skills through challenging games and activities. - Learn about amazing true tales of real-life secret agents and the role of intelligence and espionage in wartime. - Discover what it takes to become a real-life intelligence agent. - Learn about the importance of accurate communications and how to gather and analyze information. Through a multidisciplinary approach, students will explore why critical thinking is important and how does critical thinking differ from simple thinking. We will ask questions such as: What are strategies I can employ while solving logic problems and puzzles? How can I solve them while working with others on concepts involving common logical errors when one is making a written or spoken argument.
Shakespeare	Kelly Petrie	6th - 12th	TH/FRI	This multidisciplinary course explores such concepts such as: What are some basic theatre concepts? What is character analysis and why is it important in theater? How do scenery, props and costumes add to or take from a production? Students will explore and collaborate to create a set through artistic expression and students will perform in a one act play as the final project. This class will integrate several art, music and creative modalities to offer the students a comprehensive introduction to theater, plus music.
Sports Medicine and Physiology	Nicole Montgomery	6th - 12th	TH/FRI	This is an advanced multidisciplinary natural world, project-based course for students with an emphasis on the Human Body and its function in sports and everyday life. Students will use technology and art to research and explore the "human frontier." The course is divided into several module projects based on the systems of the body: Skeletal, Muscular, Circulatory, Digestive, Lymphatic, etc. We will NOT be covering the reproductive system in this course. There will be an emphasis on how diet and exercise affects the human body and how students can use both for optimal health.
STEM Projects	Nicole Montgomery	3rd - 12th	TH/FRI	STEM Projects: Through a multidisciplinary approach, students will study and conduct lab projects that include all four elements of STEM; Science, Technology, Engineering and Math. Design projects that reinforce concepts introduced in class will propel us through an exciting and enriching class!
The Chemistry of Exercise and Nutrition	Nicole Montgomery	6th - 12th	TH/FRI	Chemistry Experiments: Students will study introductory Chemistry as it applies to the reaction that occurs during exercise and digestion/nutrient absorption. We will study the reactants and products in aerobic and anaerobic exercise, how to best build muscles and all the intricate details of diet and nutrition. This class will combine class lectures, demonstrations, and lab projects.

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Tour of the World	Ashley Bacon	1st - 5th	TH/FRI	Through a multidisciplinary approach, this project-based class will allow students to discover that there is a whole world out there waiting for them to explore! Please join us for a great semester of learning about the world from a variety of different angles--through the arts and technology, students will explore the sights and sounds of several countries across the globe with fun activities, crafts and art! So grab your passports and get ready to go!
Violin	Joe Deller	1st - 12th	TH/FRI	Violin: Come have a blast learning to play the violin in a small group setting! In this multidisciplinary class students will learn to explore music through technology and they will learn to play the violin in a small group ensemble. Instruction will be demonstrated through classroom lecture, demonstration, group instruction, activities and personal trial and error. Exploration in other areas may include music technology, composers, care and cleaning of the instruments, science of sound, music theory, music history, artistic expression, songwriting, responsibility, accountability, and the importance of practice. There will be a group performance at the end of each semester.
Vocal Music	Kelly Petrie	1st - 12th	TH/FRI	Vocal Music: This multidisciplinary course will develop students' vocal and performing arts skills and apply the techniques and processes involved in researching, creating, performing and/or presenting art. Students will develop their own artistic processes, and learn to support, encourage and work with their peers in a positive way. Students will develop an appropriate musical terminology through theory and practice to describe and reflect their critical understanding of music.
Yearbook/Journalism	Kelly Petrie	6th - 12th	TH/FRI	Youth-generated, journalism fosters news literacy and creates a sense of community. Students at will enjoy this creative, exciting, and stimulating multidisciplinary course in as they create an authentic newspaper/letter, and capture their memories yearbook. As students are transformed into reporters and editors, they will become effective in layout and design strategies, use the key elements of successful journalism and gain project management skills. Aspects of newspapers are covered, including parts of a newspaper, writing an article, online newspapers, newspaper reading habits, and layout and design techniques. Yearbook areas combine facets of technology, photography, design and writing.
Zoology	Chelsi Denbeck	1st - 5th	TH/FRI	Get ready to explore the amazing world of animals! In this exciting zoology class, we'll discover a different animal each week--from rainforest reptiles and ocean creatures to birds of prey and fascinating mammals. Students will learn about habitats, diets, adaptations, life cycles, and the unique traits that help each animal survive. Through hands-on activities, creative projects, and interactive discussions, we'll compare species, explore ecosystems, and uncover what makes the animal kingdom so incredible.