

Q = Quarter Long

S= Semester Long

Y = Year Long

If a course is marked with ** a prerequisite/teacher approval/audition is required

<u>General Studies Options</u>	
<u>Architectural Design (Q)</u>	In this elective, you can exercise your interest in skills in the study of the principles of great architectural design, and the use of drawing instruments to draft floor and elevation plans, that you can then turn into 3-D models using various tools for visualization.
<u>Beginning or Advanced** Chess (Q)</u>	The game of chess, its backgrounds and origins. Opportunities for learning, play, and competition advance through the levels.
<u>Film Analysis I (Q)</u>	Through the study of various genres and time frames of film, students will analyze the connections between personal preference, objective view, and critical reference. Students will have multiple opportunities to compare and contrast classroom and personal experience with experiences portrayed in selected films. Students will develop the ability to critically view a film, and relate connections that support that point of view.
<u>Film Analysis II (Q)**</u>	This is an in-depth study of film and allow for more hands-on experience with film creation. This course will use the movie, "The Day the Earth Stood Still" as a basis for the dynamic range of skills developed.
<u>Video Production I, or II**(Q)</u>	In these courses, you will learn different aspects of how video is created and produced, and for what purposes. Critical view is emphasized. Historical aspects of video production, especially concerning change in technology and use will be studied. Writing, research, and storyboard techniques will be used throughout the progression of skill acquisition as you become more proficient in your learning. You will make cross-curricular links as you analyze connections to explain your personal view of something you create or that is peer created, and learn how to use an objective view to improve your work and the work of your team. Hands-on learning is blended with reflective opportunities to study for next steps in projects.
<u>Yearbook (3 Quarters)</u>	This course allows students to examine journalistic writing and publishing. Students learn

	<p>the fundamentals of yearbook design from theme development to marketing and distribution. Communication skills are developed through the use of oral language, written language, and other media/technology to complete activities including interviewing, organizing information, writing various journalistic pieces such as feature stories, sports stories, student, and faculty profiles, etc. Additionally, students refine their revision, editing, and proofreading skills and learn the basics of page layout and design. Collaborative work efforts, the use of technology as a publishing tool, and development of responsibility are emphasized.</p>
<p><u>Public Speaking and Debate (Q)</u></p>	<p>Write, deliver, classify and critique formal and informal speeches. Elective includes organization of material, voice projection, and persuasion of an audience, as well as panel discussion. Do you love to argue? Learn to do it constructively and persuasively! Learn to consider both sides of an issue. Writing, classifying, delivering, and critiquing speeches, as well as debating and panel discussions will be part of this elective. Argue your point-what could be more fun?</p>
<p><u>Competition Elective Options</u></p>	
<p><u>Future City Competition - (Student Team Competition) - (S)</u></p>	<p>“Future City is a project-based learning program where students in 6th, 7th, and 8th grades imagine, research, design, and build cities of the future. Keeping the engineering design process and project management front and center, students work in teams to ask and answer an authentic, real-world question: How can we make the world a better place?” http://futurecity.org</p>
<p><u>Odyssey of the Mind - (Student Team Competition) - 3 Quarters</u></p>	<p>“OM is an international educational program that provides creative problem-solving opportunities for students from kindergarten through college. Kids apply their creativity to solve problems that range from building mechanical devices to presenting their own interpretation of literary classics. They then bring their solutions to competition on the local, state, and World level. Thousands of teams from throughout the U.S. and from about 25 other countries participate in the</p>

	<p>program.</p> <p>https://www.odysseyofthemind.com/</p>
<u>Math Counts- (Student Team Competition) - (S)</u>	<p>http://mathcounts.org/</p> <p>Activities include speed and power drills in math concepts and problems, as well as practice in competition settings. Students will apply analytical skills to solve complex problems.</p>
<u>Olympics of Science and Math - (Student Team Competition) (S)</u>	<p>This course enables students to apply science and mathematics concepts and principles in innovative situations that enhance problem-solving skills. Independent and group projects are completed under the guidelines of the National Science Olympiad. Students may have the opportunity to compete in local, regional, state, and national Science Olympiads.</p> <p>https://www.soinc.org/</p>
<u>Brain Games (Q)</u>	<p>This class is similar to quiz bowl and fact/trivia knowledge. Sharpen and refine your knowledge on literature, math, science, social studies and other world facts!</p>
<u>Language Arts Electives</u>	
<u>Classical Mythology(Q)</u>	<p>This elective includes comparisons between Greek and Roman myths. Investigate the influences of mythology on several major cultures, as well as modern life.</p>
<u>FolkTales and Myths (Q)</u>	<p>Explore folktales and myths from Africa, Asia, and America. Critical thinking, reading comprehension, cultural differences, and understandings of literary elements of myth forms are focused on in this elective.</p>
<u>Literary Magazine (S)</u>	<p>Be a part of developing an award winning literary magazine through cooperative group processes. Review literary forms, compare and contrast, think critically, and evaluate the use of various literary styles. This literary magazine is completely created, formatted, and published by students taking this course. The magazine can be entered into various state-wide and sponsored competitions.</p>
<u>Mystery and Suspense (Q)</u>	<p>What makes a reader hang on the edge of their seat? You'll be a master and have the answer to that question after taking this elective! Learn</p>

	<p>about the elements of mystery in literature, and apply these sneaky skills as you create your own suspenseful stories.</p>
<p><u>Science Fiction (Q)</u></p>	<p>Picture the future and expand your appreciation for Sci Fi literature. Sci Fi in popular culture will be explored, and imaginative use of technology will be encouraged. Create an original story through process writing.</p>
<p><u>Short Stories (Q)</u></p>	<p>Read, view, and create short stories in this elective. Compare and contrast the short stories. Apply critical thinking, writing, reading, and speaking skills for evaluation, while increasing vocabulary skills.</p>
<p><u>Storytelling (Q)</u></p>	<p>Come learn how to turn your own personal experiences into engaging stories! Master the art of storytelling by learning the history and oral traditions from cultures around the world, and learn how to put your own “spin” on a classic fairy tale. Create a website to showcase your work by making your stories, fables, legends, myths, and folk tales come alive.</p>
<p><u>Video Literature (Q)</u></p>	<p>Discover how film media has been used to depict different aspects of literature from the core subject areas of language arts, social studies, and science. Compare and contrast the “movie” and the “book” version of a story. See if you can identify the differences in technique in telling a story vs. “showing” a story-which do you prefer, and why? Which types of media lend themselves to tell a story best? Analyze the connections between how a story is presented in written vs. cinema format. Be ready to put your discussion and analysis skills to the test as you participate in this high-interest, engaging elective!</p>
<p><u>Journalistic Reporting (Q)</u></p>	<p>Our world is filled with information-ever think about being someone who provides that information? If so, this exciting elective is for you! Explore the major types of news formats from brief historical beginnings through our ever-changing, fast-paced mass-media news culture. Learn how to analyze, evaluate and create dynamic journalistic pieces.</p>

<p align="center"><u>Creative Writing (Q)</u></p>	<p>Express yourself! Through this course, you'll discover and refine a variety of writing styles that will allow your thoughts to come alive! Polish your writing and make it more effective, lively, descriptive, and cohesive. This course is for the undiscovered writer in all of us!</p>
<p align="center"><u>Sports Fever</u></p>	<p>Crazy about sports? Increase your reading and vocabulary skills by reading about all varieties of sports. Magazines, newspapers, books, and other sports media will be used to help students write descriptions, action stories, sports facts and rules of the game.</p>
<p align="center"><u>Mathematics Electives</u></p>	
<p align="center"><u>Fantasy Sports (Q)</u></p>	<p>Football, baseball, basketball, hockey, and our own "March Madness" love of the NCAA-How can the use of, understanding of, and FUN of numbers help you to enjoy these games to their fullest? Come and find out as you learn to manage your own "fantasy team"!</p>
<p align="center"><u>Financial Finesse (Q)</u></p>	<p>Learn what you need to know to get on a great financial path! The skills you learn in this elective will give you the "financial intelligence" you'll need to know to set yourself up for a healthy financial future. Use what you learn to manage the money you have now-allowance, small jobs-and the money you'll earn in the future. A fun, interactive way to learn about personal finance.</p>
<p align="center"><u>Fun with Numbers (Q)</u></p>	<p>Do you find math confusing or boring? Would you like to feel more comfortable with how numbers work together? Is it even possible for math to make sense and be SUPER useful to you? Come strengthen your math skills and have FUN with NUMBERS!</p>
<p align="center"><u>Geometric Construction (Q)</u></p>	<p>Stretch your problem-solving skills by applying geometric concepts to solve two-dimensional geometry challenges on concepts such as rays, polygons, triangles, angles, rectangles and circles by making line constructions. Symmetry, motion, closed figure study, congruence, and model making are also part of this elective. Maze creation and hands-on math projects challenges you to think in three dimensions. Solve 3-D challenges, create your own challenges for others</p>

	to experience, and develop your ability to look at a problem in more than one way!
<u>Graph It (Q)</u>	Work with range, mean, median, and mode to construct picture, bar, line, and circle graphs, as well as histograms. Coordinate graphing is also constructed.
<u>Math Art (Q)</u>	Explore and enjoy math through art and puzzles. Work with tangrams, paper folding/origami, thread geometrics, and patterning as you advance your skills in geometry and logical thinking.
<u>Number Crunching in the Real World (Q)</u>	This elective will help you develop your math skills through real-world, everyday uses. You'll gather information so that you can learn how to analyze the data to apply it to real applications, such as weather, house design, maps, politics, sports, and culture.
<u>Problem Solving through Strategic Games (Q)</u>	Strengthening problem-solving and strategic skills through challenging strategic games. Backgammon, Monopoly, Checkers, Connect Four, and Life, among others, are some of the games used to enhance logic, mental math, and creativity. Social skills such as working through a challenge in an appropriate way are stressed as students learn the politics of good sportsmanship.
<u>Stock Market (Q)</u>	Study the process and considerations of investing in the stock market. Students choose a company, track its stock for gains and losses, and present their findings to the class. Vocabulary, such as Bull market, P/E ratio, ticker symbols, profit, day trader, mutual funds, etc., are learned. Current economic indicators and their effects are discussed. Students participate in the North Carolina SMS-Stock Market Simulation- an on- line, real-world, real-time interactive computer program.
<u>What are my Chances? Probability and Statistics (Q)</u>	Learn the concepts of probability and statistics the <u>fun</u> way-through games that depend on chance!
<u>Science Electives</u>	
<u>Animal Science-The Pet Vet (Q)</u>	Come journey into the science of our most loved pets. Explore the habitats, adaptations, relationships, and care of mammals, reptiles, amphibians, birds, aquatic life, and insects. Learn

	<p>the classification system scientists use to study these fascinating creatures. Conduct your own research using books, internet, and live animals. Discover animal careers and the challenges and joys they bring. If you love animals, this is the place for you!</p>
<p><u>Botany (Q)</u></p>	<p>Take this elective to learn about and study the amazing functions of plants! Experiment to learn the functions of each part of a plant, and learn the interrelated nature of each of these parts. Grow and study plants from the “ground-up”!</p>
<p><u>Chemistry (Q)</u></p>	<p>What is the purpose of learning chemistry? In this course you will embark on a journey learning how chemistry helps uncover many mysteries, diagnose problems and yes, even solve crimes! Meet Atom, the original building block of life and all things. Investigate Atom’s origin and many talents. From bonding to burning, Atom is responsible for initiating all reactions.</p>
<p><u>Forensics I-Who Done It? (Q)</u></p>	<p>Use experimentation and the scientific method to investigate the world around you using forensics technology. Apply laboratory techniques to support procedures, investigate “evidence”, analyze, and use these techniques to arrive at a conclusion.</p>
<p><u>Genetics (Q)</u></p>	<p>Why are your friend’s eyes brown, and yours green? Who do you know that has a detached earlobe, or can curl their tongue? This course helps explain our genetic differences.</p>
<p><u>Lab-Busters-(Q)</u></p>	<p>Urban legends or truth? How can you find out if what you hear about something happening is truth, a colorful hoax, or a little of both? Use the scientific process to discover whatever “myth” you choose to “bust”!</p>
<p><u>Mousetrap Cars/Wild Wheels/Skateboard Science (Q)</u></p>	<p>Linear, rotational, reciprocating, and oscillating motion learned through creating mousetrap cars and/or other wheeled vehicles. Analyze and predict the motion of objects, devices, and systems, understand the forces that act on them. Design/build/test a mousetrap racer. In-class competitions are part of this elective.</p>
<p><u>Solar Race Cars (Q)</u></p>	<p>Solar power is a great source of renewable energy! Many times you think about using this type of energy for household power but have you ever thought of using this energy to operate a vehicle???? In his course, you will research,</p>

	develop, and build solar race cars.
<u>Thrill Ride-Physics through the Amusement Park! (Q)</u>	Ever wonder how those stomach-dropping rides in the theme parks are designed? In this elective, you'll have hands-on experience exploring how they work, how they're designed, and how force affects our fun!
<u>Nanotechnology</u>	Collaborate as junior engineer teams to solve real-world problems using the Engineering Design process while developing your communication skills. Design a wearable device that integrates C++ programming to monitor the health of humans or animals. Explore engineering fields, meet engineers from the field, and expand your understanding of the intersection of engineering and personal devices!
<u>Robotics</u>	This elective provides students with hands-on opportunities to enhance STEM skills by using Lego blocks, gears, motors, and computer programming to build and problem solve.
<u>Micro-Madness</u>	Things that are best seen with a microscope, and the microscopes themselves are the "focus" of this enlightening elective! Learn all about the tiny world around you, and the instruments that make it possible for us to peer into that world!
<u>Social Studies Electives</u>	
<u>Around the World in 45 Days (Q)</u>	Create a travel agency so that you can craft travel experiences for your customers. Don't be fooled- you and your team will need to become geographic and cultural experts in order to create successful trips for your customers, ensuring continued business. Are you up to the challenge?
<u>Create a Nation (Q)</u>	Understand the 5 themes of geography and government structures by creating your own "ideal" of what a nation can be. Study nations and situations around the world to learn from others, while increasing your cultural knowledge. Human environment interaction impacts you every day-if you were given the chance, how could you make this better?
<u>Free Enterprise (Q)</u>	Learn about the business world, and create a business of your own as you learn the scope of the free enterprise system and its components.

<p align="center"><u>It's in the News (Q)</u></p>	<p>How aware are you? In-class competitions, information gathering, and scintillating conversation revolve around current events in this exciting elective. On-line news agencies, newspapers, magazines, and news stories are just some of the mediums that are used in the classroom to promote awareness and help build a 21st century learner.</p>
<p align="center"><u>Social Justice (Q)</u></p>	<p>Do you want to be the change you see in the world? The Social Justice elective will equip you with the knowledge to be a change agent in our current society. Through this course, you will learn about current and historical social justice warriors, develop an understanding of social justice, and collaborate with peers to create real solutions to local social justice issues within our community.</p>
<p align="center"><u>United States Military History (Q)</u></p>	<p>Examine wars in which the U.S. was involved. Battles, military schools, famous leaders, weaponry, medical techniques, technology, women and minorities are topics of research and discussion.</p>
<p align="center"><u>Youth and the Law (Q)</u></p>	<p>How does the law affect you? Through "peer simulations" of trials, video examples, and guest speakers, you'll get a taste of all the different aspects of the legal system. Learn about civil and criminal law, the court system, youth rights and responsibilities and consequences of actions or decisions.</p>
<p align="center"><u>American Politics/Political Awareness (Q)</u></p>	<p>Ramp up your understanding of the gradual development and the present-day workings of the American political system. See how the history of political rights impacts your current life.</p>
<p align="center"><u>Passages to Other Cultures (Q)</u></p>	<p>Want to communicate with students from around the world? If so, come learn with us! Stereotypes and misconceptions that lead to prejudice and intolerance will be explored. Guest speakers from different ethnic and cultural groups will be invited to share information and customs. Delight in the diversity in the world around you, and learn to appreciate the similarities in humanity.</p>
<p align="center"><u>Physical Education Electives</u></p>	

<p style="text-align: center;"><u>Flag Football (Q)</u></p>	<p>This course is designed for the beginning student who is interested in learning the fundamentals of flag football. Emphasis is placed on skill development while also giving students the opportunity to participate in team situations.</p>
<p style="text-align: center;"><u>Basketball (Q)</u></p>	<p>Basketball is designed for the beginning student who is interested in learning the fundamentals of basketball. Students are introduced to the history, terminology, safety, equipment, scoring, and basic skills of basketball. Emphasis is placed on skill development through the use of drills, relays, and lead-up games. Students will have some opportunity to participate in team situations.</p>
<p style="text-align: center;"><u>Badminton (Q)</u></p>	<p>Badminton is designed for the beginning student, but will be adjusted for all skill levels, so whether you've never played badminton, or you're an expert in getting the "birdy" over the net, you'll learn about the history, terminology, equipment, rules, safety, strategy, and scoring of this game! Play lead-up games, and participate in singles and doubles tournament play. Emphasis is placed on proper serving and game strokes.</p>
<p style="text-align: center;"><u>World Games (Q)</u></p>	<p>Participate in a wide variety of games from different countries! Learn games that students from different world regions play competitively and recreationally. The historical and cultural background of the games, and the people who play them, will be an informative and interactive part of this engaging course!</p>
<p style="text-align: center;"><u>Soccer (Q)</u></p>	<p>This course is designed for beginning to advanced players to develop their skills for soccer. This course will concentrate on skills, rules and basic game play. This class will cover all basic skills, terminology, rules, strategies, safety, and game play.</p>
<p style="text-align: center;"><u>Track & Field (Q)</u></p>	<p>This course is designed for the beginner but may be modified for all skill levels. Students will learn proper running techniques for long distance vs short distant sprints. Breathing techniques will be taught for all types of events. Proper throwing techniques for shot put and appropriate body positions and techniques for long jump will be presented to all students.</p>
<p style="text-align: center;"><u>Personal Fitness (Q)</u></p>	<p>This interactive course will teach you life-long fitness skills, such as how to move properly through a set of movements designed to tone muscles, the importance of balancing aerobic</p>

	activity with strength training, and how to create a personal routine that is tailored to your interests. Learn how to keep engaged, active, and healthy!
<u>Volleyball (Q)</u>	In this course students will begin to understand the intricacies of the game of volleyball and will be able to develop their skills so that they are comfortable in any level of class competition. The areas of history/game development, basic skills, terminology, rules, strategy, scoring, and safety will be explored. This course will help develop skills and introduce game play.
<u>Golf (Q)</u>	FORE! Enjoy learning the history of golf, terminology, strokes, and the difference in those crazy hitting sticks golfers call "clubs", as well as all techniques used in hitting the golf ball for different distances. Learn how to judge your strength to achieve different distances and trajectories of the ball. Hole in One!
<u>Softball (Q)</u>	This course will help you be able to throw, catch, track and hit a softball. You will learn terminology and history of the game of softball. You will learn rules of the game and strategies of softball.
<u>Lacrosse (Q)</u>	Lacrosse-why is it named that way? Where does LAX come from? How can you become skilled in this dynamic, fast-paced game? Come find out more about the rules and regulations, safety and sportsmanship by taking this elective.
<u>Frisbee Games (Q)</u>	Learn how to play the dynamic game of Frisbee in all its forms! Practice skills such as eye-hand coordination, types of throws and catches, influencing speed and trajectory through strength and anticipation, and the importance of follow-through.
<u>Sports Variety</u>	This course offers you lots of exploration in sports that are typically played as "traditional" sports. You'll dabble in a variety of games, such as basketball, volleyball, soccer, flag football, and softball, and figure out which ones are your favorites. Maybe you'll be inspired to take a full nine weeks of one of these exciting sports!
<u>First in Fitness</u>	This competition elective requires students to participate in a number of physical assessments to determine a team that will go on to compete against other 6th grade school teams.

Theater Electives

<u>Improvisation (Q)</u>	<p>In this course, you will explore improvisation techniques to develop skills in spontaneous acting. Students will learn to create scenes and situations through theater games. Students will also learn the rules of improvisation through classroom exercises and cooperative learning styles.</p>
<u>Puppetry & Playwriting (Q)</u>	<p>Learn the techniques of puppetry performance and construction! In this class, storytelling and art combine – you will learn about the history of puppetry, develop verbal expression and improvisational techniques, create puppet plays, and build your own puppets. You will also learn all about playwriting and how to create theatre works that engage audience Students will collaborate on a final puppetry play with original puppets.</p>
<u>Technical Theater (Levels 1 & 2**) (S)</u>	<p>Learn the basic concepts of technical theater, including stagecraft, lighting and sound in technical theater 1. In technical theater 2 , become more hands on with building, designing and operating lights/sound for productions! See how the backstage work makes the onstage magic happen!</p>
<u>Advanced Dramatics (S)</u>	<p>Students will continue to develop their acting skills through more challenging theater projects. They will work collaboratively to incorporate to all the technical elements (lighting, sound, scenery, costumes) into creating a production. Students should anticipate some after-school practices and evening performances.</p>
<u>Introduction to Theater (Q)</u>	<p>Learn the basics of all aspects of theater production! In this course you will study acting, directing, design, and playwriting. Most activities are hands-on and participation every day is expected—from Greek Theater to a behind the scenes look at The Lion King—you will collaborate and create multiple projects while learning to develop creative skills as a theater artist.</p>
<u>Readers Theater (Q)</u>	<p>Students will study the art of oral interpretation, through the outline of the Reader's Theater process. Students will gain experience of a genre of performance both similar, yet different from conventional dramatic theater. Interpreters will explore a variety of transmission and performance</p>

	<p>techniques using vocal and physical expression to suggest character and setting. They will also learn the basic foundations and assumptions of oral interpretation. Novels, short stories, poems, and other literary forms as their basic performance materials.</p>
<p><u>Acting (Levels 1 & 2**)</u> (Q)</p>	<p>In this course, students will explore characters and situations through their creative resources using theater games and extended improvisational situations and prepared scripts. They begin to understand the proper use of voice and diction. This course includes an overview of the historical development of the actor's art.</p>
<p><u>Visual Arts Electives</u></p>	
<p><u>Commercial Art</u> (Q)</p>	<p>This course will put an emphasis on the understanding and application of the principles of design; namely, balance, movement, repetition, emphasis, contrast, and unity. The students will learn to use these principles to design posters, advertisements, mock-billboards, and product packages. Craftsmanship will be emphasized. The students will use their understanding of the principles of design to analyze designs in advertising, and determine how each principle is used to convey a message (conscious or unconscious).</p>
<p><u>Mask Making</u> (Q)</p>	<p>This course is an introduction to the tradition of masks. Students will explore the superstition, power, and functions of masks in ancient and contemporary cultures. Students will design and construct masks using a variety of materials, including clay, papier mache, paper, and wire. Each project will broaden the students' concepts about masks and challenge them to create new identities.</p>
<p><u>Pottery & Sculpture</u> (Q)</p>	<p>This course is an introduction to the versatile, organic material of clay. Students will build functional and decorative pots using traditional hand-building techniques, including pinch, coil, and slab. Pots will be glazed and fired in a kiln. Students will obtain an understanding of ceramics, specific vocabulary, and will study the ceramic traditions of different cultures. A study of local craft traditions will also be included. This course will develop the student's understanding of the ceramic process, its relationship to the earth sciences, and emphasize the traditional, historical,</p>

	and contemporary uses of clay.
<u>Drawing (Levels 1 and 2**) (Q)</u>	Drawing I is a wonderful first choice for students who are interested in taking two-dimensional arts courses during middle school. This introductory course allows students to understand and apply drawing basics as related to elements of art Line, Shape, Value and Texture and through concepts of proportion and perspective. Drawing media utilized during this course includes but is not limited to drawing pencils, pen and ink, charcoal, conte crayon, oil pastel and mixed media. Students can expect to draw from life with still life and figure drawing as well as to incorporate mathematical principles for proportion, scale, and symmetry.
<u>Painting (Levels 1 and 2**) (Q)</u>	In this introduction to Painting, students will understand and apply the basics as related to elements of art Color, Value, Line and Shape. Painting media utilized during this course includes but is not limited to tempera, acrylic, oil, watercolor, and India ink. Students can expect to understand color theory before painting to assist with color relationships and mixing. Likewise, students will use value to appropriately apply hue and intensity.
<u>Visual Art Exploratory (Q)</u>	This course introduces students to the elements of art through a variety of media that may include: drawing, painting, printmaking, mixed media, pottery, and weaving. Application of these elements to the students' own original artwork is the major emphasis while being introduced to art history and critical analysis of master work as well as their own.
<u>Advanced 2-D Design (Q)**</u>	Advanced work will feature multiple approaches to creative problem solving using a variety of two-dimensional mediums, such as collage, graphic design, painting, and photography. Students will be challenged to work with others and contribute to the collaborative process. They will have the opportunity for independent study and are expected to be motivated to follow through on a project from ideation to finished product.
<u>Printmaking (Q)</u>	Students will learn how vital planning and the artistic process are in addition to the value of negative space while creating their printing plates. Element and Principle relationships will continue

	to be implemented into printmaking. Students will also be learning how to appropriately handle tools such as linoleum cutters, Xacto blades, the printing press, etc in order to maintain a safe working environment.
<u>Musical Arts Electives</u>	
<u>Chorus (S)</u>	Students apply correct singing technique and various elements of musical expression through developmentally appropriate and historic vocal literature. Students learn how to use traditional notation in order to learn music, and to respond correctly to conductors' gestures both in rehearsal and public performance. Students will study vocal music and its relationship to other cultures, eras and geographical locations.
<u>Band (beginning, intermediate**, advanced**)</u> <u>(Y)</u>	Emphasis is on the acquisition of basic musical skills as students learn to play a brass, woodwind, or percussion instrument. Band classes prepare several concert compositions that are performed for an audience. Students should anticipate some after school practices and evening performances.
<u>Music Through Science and Technology (Q)</u>	This course is designed to expand student cultural perspectives by providing a variety of experience including improvising, composing, arranging, analyzing, performing, and exploring music and related arts of a variety of styles using technology.
<u>Strings (beginning, intermediate**, advanced**)</u> <u>(Y)</u>	Beginning Strings is a course designed for students who are interested in playing a stringed instrument (violin, viola, cello, bass) for the first time. Previous experience is not needed for this class. This course will cover basic fundamentals of rhythm, note reading, posture, watching the conductor, bowing, pizzicato and learning how to perform as a group. Appropriate use of musical terms, dynamic markings, and the parts and care of stringed instruments are emphasized. Students prepare a number of concert selections that are performed for an audience. Students should anticipate some after-school practices and evening performances.

<p style="text-align: center;"><u>Piano (Q)</u></p>	<p>Students will learn to read music and to match the letter names of the keys with the staff, and learn five finger patterns in the key of C, the key of G, and the corresponding I, IV, and V7 chords in each position. They will also play melodies in the middle C position. They will also learn dynamic, tempo, and articulation terms and how to execute them at the piano keyboard. Students will learn about the history of the piano as an instrument and the mechanisms within the piano that produce sound. Each student is encouraged to individually take the next step and work towards mastering new material.</p>
<p style="text-align: center;"><u>Guitar (Levels 1 and 2**) (Q)</u></p>	<p>This beginning level course will introduce the student to all of the fundamentals of playing this challenging stringed instrument. In addition, students will learn basic sight reading, and will be encouraged to engage in activities such as composing their own pieces, creation of small group ensembles for improvisation and performance of current, created, and improvised pieces, and participating in classroom performances.</p>
<p style="text-align: center;"><u>Percussion Ensemble (Q)</u></p>	<p>Students will study and perform on a variety of globally-based percussion instruments, and demonstrate their understanding of different types of World Music, which can include, but are not exclusive to Latin and African countries, as well as the United States. Students in this course will learn global connections and gain understanding of music in relation to the arts, history, and culture of many diverse groups and countries. Students will increase their ability to read and notate music, compose and arrange music, and evaluate music and musical performances. Students will demonstrate their musical skills through a variety of performance opportunities, such as, but not exclusive to hand drumming through a drum circle structure.</p>
<p style="text-align: center;"><u>Jazz Band (Y**) (Q)</u></p>	<p>Jazz Band is an auditioned ensemble providing students an opportunity to learn and perform music from four different styles (Swing, Rock, Ballad and Latin/Afro Cuban) in a “Big Band” setting. Students will also explore beginning concepts of jazz improvisation, knowledge of chords and jazz history.</p>
<p style="text-align: center;"><u>Dance Electives</u></p>	

<p style="text-align: center;"><u>Jazz and Hip Hop (Q)</u></p>	<p>This hybrid jazz class teaches a non-traditional style of jazz to a generation that is experiencing its evolution. Students will study this new style of jazz by learning technique, performing and choreographing short contemporary pieces, and studying its dominance in the present day dance world. Knowledge of safe practices in dance and respect for other styles of jazz that have contributed to this style will also be part of this course.</p>
<p style="text-align: center;"><u>Ballet / Modern (Q)</u></p>	<p>Students explore basic technique, improvisation, and composition as it relates to Ballet and Modern Dance. A study of the contributions of early Ballet and Modern dance pioneers, the global nature of dance, and the relationship between dance and healthful living is included.</p>
<p style="text-align: center;"><u>Swing Dance (Q)</u></p>	<p>Students will learn the movement behind swing dance, as well as the history of the dance in this dynamic elective. East and West coast swing will be covered-students will learn the dance in context of historical connections to what was happening culturally, world-wide, as swing grew in popularity. Students will have multiple opportunities for performance-small and large groups-, write reflections about their work, and create their own swing choreography.</p>
<p style="text-align: center;"><u>Athletes in Dance (Q)</u></p>	<p>This course implements the application of basic dance fundamentals to athletics. This course is designed to increase flexibility, strength, coordination, and agility. The prevention of injury to joints, muscles, and connective tissue will be stressed.</p>
<p style="text-align: center;"><u>Jazz and Tap (Q)</u></p>	<p>Students explore basic technique, improvisation, and composition as it relates to Jazz and Tap Dance. A study of the contributions of early Jazz and Tap dance pioneers, the global nature of dance, and the relationship between dance and healthful living is included.</p>
<p style="text-align: center;"><u>Dance Company (Y)**</u></p>	<p>In this course, students develop various techniques including stage presence, ensemble work and an understanding of the relationship between dancer and choreographer. Opportunities are given for performance in director selected dance styles such as Modern Dance, Ballet, Jazz, Contemporary, and student choreography. These students are the highest level dancers and are expected to develop skills in collaboration, leadership, and service to others</p>

	through their dance opportunities in order to model 21st Century Learning Goals at the highest artistic level.
<u>Dance Ensemble (S)**</u>	This course is designed to challenge the experienced dancer who is not yet ready for a dance company. Students explore advanced coursework in Modern Dance, Contemporary, Hip Hop and Choreography. This is a semester long class with the opportunity to take it a yearlong for the dedicated dancer.
<u>Dance Zumbatomic (Q)</u>	This high energy fitness-through-dance course will focus on the technical elements of dance styles incorporated into a Zumba fitness program. Students will learn the history and movements of Latin dance rhythms such as the Merengue, Salsa, and Cumbia, and will practice these movements daily.
<u>CTE Electives</u>	
<u>Exploring Childcare (Q)</u>	This middle school course is composed of instructional modules designed to provide instruction on basic Family and Consumer Sciences foundation and skills. Students will explore communication skills, the ages, stages and milestones of infants, toddlers and school-age children, and how to effectively and safely care for infants, toddlers and school age children. Students will earn the American Red Cross Babysitting Certificate as part of this course.
<u>Exploring Nutrition & Wellness (Q)</u>	This middle school course is composed of instructional modules designed to provide instruction on basic Family and Consumer Sciences foundation and skills. Students will understand the factors that influence nutrition and wellness and the impact of choices on wellness and understand how to safely use kitchen tools and follow recipes to plan and prepare a meal. Teamwork, English Language Arts, and mathematics are reinforced.
<u>Exploring Apparel and Interior Design (Q)</u>	This middle school course is composed of instructional modules designed to provide instruction on basic Family and Consumer Sciences foundation and skills. Students will explore factors that influence

	<p>clothing choices and the basic elements of clothing design construction techniques, interior design, sustainability, and how to design and manage a living space. Teamwork, English Language Arts, and mathematics are reinforced</p>
<p><u>Med Terms & Body Sys in Biotech Service Careers (Q)</u></p>	<p>Students will explore key concepts and foundational knowledge for in demand, allied health professions to enhance interest in the Health Science Education pathway.</p> <p>Students will gain an understanding of medical terminology, body systems (Nervous & Sensory systems) and careers related to Biotechnology Careers.</p>
<p><u>Exploring Careers and Employment (Q)</u></p>	<p>This middle school course provides an orientation to the world of work. Emphasis is placed on self-awareness, understanding the world of work, and the career planning process. Based on the National Career Development Guidelines, skills learned in this course include, but are not limited to, communication, personal management, and teamwork.</p> <p>Prerequisite to this course is: Exploring Personal Characteristics & Careers</p>
<p><u>Medical Terms & Body Systems in Therapeutic Service Careers (Q)</u></p>	<p>Students will explore key concepts and foundational knowledge for in demand, allied health professions to enhance interest in the Health Science Education pathway. Students will gain an understanding of medical terminology, body systems (skeletal, muscular, and integumentary) and careers related to Therapeutic Services. As part of this course students learn how to use various medical assessment tools.</p>
<p><u>Medical Terms & Body Systems in Diagnostic Service Careers (Q)</u></p>	<p>Students will explore key concepts and foundational knowledge for in demand, allied health professions to enhance interest in the Health Science Education pathway. Students will gain an understanding of medical terminology, body systems (respiratory and circulatory) and careers related to Diagnostic Services. CPR is taught as part of this course.</p>

<p><u>Exploring Engineering and Design (Q)</u></p>	<p>This middle school course focuses on applying the design process in the invention or innovation of a new product, process, or system. Through engaging activities and hands-on projects, students focus on understanding how criteria, constraints, and processes affect designs. Emphasis is placed on brainstorming, visualizing, modeling, testing, and refining designs. Students develop skills in researching information, communicating design information, and reporting results.</p>
<p><u>Coding in Minecraft - Introductory (Q)</u></p>	<p>Using the Minecraft platform, students will gain the skill of designing and developing algorithms. Students will also learn how to predict the outcome of running a series of statements; apply and understand the concept of iteration and selection. Finally, students will understand how to debug and resolve problems in algorithms.</p>
<p><u>Coding in Minecraft - Intermediate (Q)**</u></p>	<p>Using the Minecraft platform, students will learn how to code in block based coding using MakeCode. They will learn how to apply and understand variable types, logic, comparison operators and iteration.</p>
<p><u>Coding in Minecraft - Advanced (Q)**</u></p>	<p>Using the Minecraft platform, students will learn how to program in text-based coding using JavaScript. They will identify where code can be reused, follow JavaScript code and predict the outcome. Students will identify and understand logic, comparison operators, iteration, and errors in JavaScript code.</p>
<p><u>Engineering: Exploring Technology I</u></p>	<p>Though engaging activities and hands-on projects, students focus on understanding how criteria, constraints, and processes affect designs. Emphasis is placed on brainstorming, visualizing, modeling, testing, and refining designs. Students develop skills in researching information, communicating design information, and reporting results. Activities are structured to integrate physical and social sciences, mathematics, English language arts, and art.</p>

<p><u>Engineering: Exploring Technology II **</u></p>	<p>Discover and use technology, engineering, and design journals and the Engineering Design Process. Construct and test prototypes to various design challenges. Experiment with different types of renewable and recyclable material sources. Explore the knowledge and skills for careers in technology, engineering, and design pathways.</p>
<p><u>Exploring Personal Character and Careers (Q)</u></p>	<p>This middle school course provides an orientation to the world of work. Emphasis is placed on self-awareness, understanding the world of work, and the career planning process. Based on the National Career Development Guidelines, skills learned in this course include, but are not limited to, communication, personal management, and teamwork.</p>
<p><u>Computer Science Discoveries I (Q)</u></p>	<p>Students will use a problem-solving process to address a series of puzzles, challenges, and real world scenarios. They will learn how computers input, output, store, and process information to help humans solve problems. Students will also learn how to create and share the content on their own web pages using HTML and CSS. They will also practice valuable programming skills such as debugging, using resources, and teamwork.</p>
<p><u>Computer Science Discoveries II (Q)</u></p>	<p>Students will build on their coding experience as they program animations, interactive art, and games in Code.org's Game Lab. The course starts off with simple shapes and builds up to more sophisticated sprite-based games, using the same programming concepts and the design process computer scientists use daily. Students will also investigate the broader social impacts of computing. Through a series of design challenges, they will learn how to better understand the needs of others while developing a solution to a problem.</p>
<p><u>Office Productivity Applications (Q)</u></p>	<p>This middle school course is composed of instructional modules designed to allow students to learn the touch method of keyboarding, digital literacy and computer knowledge, and basic word processing and document formatting skills. This middle school course allows students to strengthen their computer skills by</p>

	<p>building advanced skills with word processing, desktop publishing, presentation, spreadsheet, and database software. English language arts and mathematics are reinforced.</p>
<p><u>Keyboarding and Basic Word Processing (Q)</u></p>	<p>This middle school course is composed of instructional modules designed to allow students to learn the touch method of keyboarding, digital literacy and computer knowledge, and basic word processing and document formatting skills.</p> <p>This middle school course is designed to provide hands-on instruction in basic keyboarding and word processing skills. English language arts is reinforced.</p>
<p><u>Introduction to Office Productivity (Q)- 7th grade ONLY</u></p>	<p>This middle school course is composed of instructional modules designed to allow students to learn the touch method of keyboarding, digital literacy and computer knowledge, and basic word processing and document formatting skills. This middle school course allows students to strengthen their keyboarding skills by engaging with word processing, desktop publishing, presentation, and spreadsheet software. English language arts and mathematics are reinforced</p>
<p><u>Exploring Business and Entrepreneurship (Q)</u></p>	<p>This middle school course is designed to explore the nature of business, entrepreneurial skills, and to study related careers in fields such in financial services, information technology, marketing, office systems technology, public relations and promotion, and travel and tourism. Emphasis is on using the computer while studying applications in these careers along with problem solving and thinking skills. This course contributes to the development of a career development plan. In this course, students will understand the principles of business and concepts of entrepreneurship and the entrepreneurial process.</p>

	<p>English language arts and mathematics are reinforced.</p> <p>Prerequisite: Introduction to Office Productivity</p>
<p><u>Digital Literacy (Q)</u></p>	<p>This middle school course is composed of instructional modules designed to allow students to learn the touch method of keyboarding, digital literacy and computer knowledge, and basic word processing and document formatting skills. This middle school course introduces computer hardware and software and digital literacy concepts. English language arts and mathematics are reinforced.</p>
<p><u>Invention and Innovation I (Q)</u></p>	<p>Create an invention timeline that includes the major innovations to the product. Design and build prototypes, solve design problems, and write interactive stories using the design*process. Discover and use the upcycling process. Explore the knowledge and skills for careers in technology, engineering, and design pathways.</p>
<p><u>Invention and Innovation II (Q)</u></p>	<p>Discover and use the upcycling process. Design and build prototypes, solve design problems, and write interactive stories using the design process. Explore the knowledge and skills for careers in technology, engineering, and design pathways.</p>
<p><u>Exploring Safety and Tools in the Trades (Q)</u></p>	<p>Students will explore key terminology used with common tools and safety associated with working in the various trades. Knowledge gained in this course will help to reinforce basic safety, identify basic tools, and spark interest in the various trades and in the aligned CTSO, SkillsUSA.</p>
<p><u>Exploring Automotive Service (Q)**</u></p>	<p>Students will gain an understanding of the skills & careers related to the field of automotive services.</p>
<p><u>Exploring Carpentry (Q)**</u></p>	<p>Students will gain an understanding of the skills & careers related to the field of carpentry as a construction trade career.</p>
<p><u>Exploring Electrical (Q)**</u></p>	<p>Students will gain an understanding of the skills & careers related to the field of electrical as a construction trade career.</p>

<p align="center"><u>Exploring Masonry (Q)**</u></p>	<p>Students will gain an understanding of the skills & careers related to the field of masonry (brick & concrete) as a construction trade career.</p>
<p align="center"><u>Exploring Environmental & Natural Resources (Q)</u></p>	<p>Foster knowledge of the relationship between natural resources and how it supports the environment. Conceptualize the role of alternative energy. Develop environmental stewardship practices through hands-on activities. Connect animal and plant production to best management practices.</p>
<p align="center"><u>Exploring Animal & Plant Science (Q)</u></p>	<p>Explore the fundamentals of the animal and plant industry through classroom and exploratory settings. Foster an understanding of the importance of plant and animal products through hands-on activities. Generate knowledge of play physiology in laboratory settings.</p>
<p align="center"><u>Exploring Food & Agricultural Products</u></p>	<p>Become an informed consumer of agricultural products by experiencing the process to produce safe agricultural products for consumption. Participate in the process to convert agricultural products into food and fiber through hands-on activities. Discover the purpose of marketing and labeling agriculture products to enhance consumption.</p>
<p align="center"><u>Exploring Agricultural Issues</u></p>	<p>Explore the production process for agriculture products and the connection between science and research. Analyze current issues affecting the agriculture industry and economy through exploratory activities.</p>
<p align="center"><u>Fundamentals of the Agricultural Science Program</u></p>	<p>Explore the importance of stewardship through hands-on experiences. Discover appropriate safety procedures for various agricultural education learning environments. Implement foundational work-based learning experiences and develop leadership skills through agriculture and community settings.</p>
<p align="center"><u>Agriculture & Our Social & Economic Well-Being</u></p>	<p>Analyze the importance of agriculture to social and economic well-being through hands-on activities. Explore how advances in agriculture support life and help society. Establish a connection to agriculture through career exploration. Build knowledge of industrial and environmental biotechnology applications and their global impact.</p>

World Language Electives

<p><u>Exploratory Language - Spanish (Q)</u></p>	<p>This course is an introduction to language and culture. This course is intended as a link between the elementary programs or as an initial introduction to the language.</p>
<p><u>Spanish Heritage I Part A (Immersion) (Q)</u></p>	<p>Class addresses the issue of heritage language students who have home backgrounds in a language other than English or come from other immersion experiences, formal or informal. Students receive instruction that allows them to maintain strengths in their heritage language, while developing new ones, particularly in academic vocabulary and literacy skills or the areas of reading and writing.</p>