

## Spring 2024 Elective Description Guide

## Spanish

Block A- Grades K \& 1
Block B - Grades 1 \& 2
Block C - Grades 2 \& 3
Block D-Grades 3, 4, \& 5
Block E-Grades 4 \& 5

## Block A (K-1 Students)

Q3-

## Meet and Make Musical Instruments (Music)-

Music - This course is an introduction to the four families of instruments: strings, woodwinds, brass, and percussion. Students will meet these instruments through stories, songs, films, and performances. Students will use craft materials to build their own versions of the instruments. Percussion instruments will be played. (This section will be co-taught by the Orchestra and Art teachers. This class is offered twice - because of its popularity, students may take this course once per year.)

## Rhyme Time -

Language Arts - Rhyme Time is a wonderful elective for a child who is at the pre-emergent or emergent level in reading. This elective introduces students to a variety of rhymes including nursery rhymes, traditional rhyming songs, and counting rhymes. The students will be engaged in rhyming word activities, word families, creative expression through Illustrations and writing, art activities, and dramatic role-play based on the rhyme presented.
This is not a "performance class" where we present to an audience, but the class will read to each other, and parents are always welcome to join us to watch, or even join in the fun.

## Sports Arena-

Physical Education - For the young athlete who enjoys team sports, this course will emphasize basic skill development which is essential to succeeding in sports. The importance of physical
fitness, good sportsmanship, and working as a team will be stressed as students participate in drills and pre-game situations.

## Modern-

Dance - This course will introduce students to the foundations of modern dance technique. They will develop a personal sense of the discipline of modern dance. The historical impact of modern dance as an art form will also be examined. Students will develop strength, flexibility, and proper body alignment.

## Chorus (semester long)-

Music - Students will learn to produce a good singing tone with their voices. Students will be exposed to a variety of pieces from different styles and periods. These prepared pieces may be performed for school programs and functions.

## Discover Robotics-

Science - Discover robotics is a robotics program offered through First LEGO League, an international student robotics organization. Each year the Discover program, offered for the ages 4-6, focuses on a different theme. Students design and construct technological solutions and innovations around the theme using LEGO materials. In addition to learning different aspects about the theme and robotic solution approaches, they become familiar with all of the simple machines and their applications in more complex components. At the end of the quarter, teams show off their projects during an in school "mini-fair" program. This is a non-competitive introduction to robotics for young students.

## Book into Math-

Math - This course will integrate literature and mathematics. Students will be introduced to numerous children's books, both old favorites as well as unfamiliar stories. They will participate in activities designed to explore mathematical concepts as well as to develop communication skills. Students will be encouraged to work together to read, speak, write and use a variety of strategies to solve mathematical problems which occur in literature.

## Fairy Tales-

Language Arts - The purpose of this course is to acquaint students with a variety of fairy tales. Discussion, role-play, reading, viewing, listening, research, and writing activities are used to explore this magical kingdom. Emphasis is placed on the origin and elements of fairy tales.

## Dimensions Build It! AIG-

Math - Students will explore the measurement of shapes and solids as they use yarn, paperclips, blocks, marshmallows, popcorn, frameworks, polydrons and paper to create and measure the area, perimeter and volume 2D and 3D creations. Throughout the electives, students will work towards the final building project - A Geometric Zoo to be on display for all to enjoy.

## Geographic Exploration AIG-

Language Arts - The key concepts of geography -- earth, direction, location, spatial arrangements, and maps -- will be introduced to students in this course. Students will be involved in projects, inside and outside of the classroom, which will develop a better understanding of global concepts.

## Animals! Animals!

Science - Students will study domesticated and wild animals through books, songs, films, and hands-on activities. The animal habitats of home, farm, zoo, and natural environments will be the focus in this course.

## Q4

## Reader's Theater-

Language Arts - This course will teach oral interpretation of literature. Students will analyze literature as to the author's purpose, point of view, and setting. The analyzed work will then be read to an audience. Techniques of formal critical analysis will be developed. A world of words and images will be opened. This course stretches the imagination and develops intuitive dimensions by making new connections between words and feelings.

## The Feel of Things- Art

Visual Arts - Using a variety of art media, students will develop skills in creating visual and tactile textures.

## Music We Can Play and Sing-

Music - Through a sequential, vocal/instrumental approach, children will be introduced to music reading skills. Emphasis will be on both rhythmic and melodic notation.

## PE Variety

Physical Education - Do you want to have fun while learning about lots of different games and sports? Students will learn a variety of skills used in many different sports. Students will develop locomotor, non-locomotor and manipulative skills such as running, jumping, throwing and kicking through different games. In addition, students will develop positive social skills and safe practices through group activities.

## Tap-

Dance - This course is an introduction to tap with a concentration on rhythms and the perception of different rhythms. Coordination and balance will also be a focus.

## Chorus (semester long)-

Music - Students will learn to produce a good singing tone with their voices. Students will be exposed to a variety of pieces from different styles and periods. These prepared pieces may be performed for school programs and functions.

## Geographic Exploration (AIG)-

Language Arts - The key concepts of geography -- earth, direction, location, spatial arrangements, and maps -- will be introduced to students in this course. Students will be involved in projects, inside and outside of the classroom, which will develop a better understanding of global concepts.

## Discover Robotics-

Science- LEGOS are EVERYTHING AWESOME! Explore the enormous collection of LEGOs through writing and be inspired! Imagine building fantastical storyboards to learn how to SHOW NOT TELL. Learn the writing process with a fun twist using LEGO Fairy Tales, LEGO Space and LEGO Communities expansion kits. Build-up the story elements, character, setting, action and problem-solution brick by brick.

## Seashells and Sea Life-

Science - Students will be transported to one of the most fascinating ecosystems on our planet, the sea. At this special ecological juncture of both sand and sea, a rich multiplicity of life forms are surviving, thriving, and interacting with each other. The exciting topic of marine life will inspire curiosity, and lead to greater understanding of the needs and environmental adaptations of living organisms.

## Holidays Around the World-

Social Studies - Throughout the world there are many different holidays celebrated in various ways. In this course students will study the purpose of holidays and types of celebrations, including the different customs, costumes, games, foods, and traditions. By studying holidays students gain a better understanding of other people in the world. Special emphasis will be placed on activities to develop positive attitudes towards other cultures.

## Puppet Play-

Language Arts - Are you a character? Do you like creating? This is the course for you! Puppet Play is a creative exploration into puppetry. Students will learn and create various types of puppets, such as hand, rod, string, shadow, and more. This course incorporates literacy skills, reading, writing, speaking and listening, to develop and personalize puppet characters for entertaining while developing life skills of critical thinking, communication, cooperation and creative expression.

## Piggy Bank-

Math - This course will help students learn how our monetary system works by learning the names of coins, how much each is worth, and how to figure out the value of collections of coins.

## Block B (1-2 Students)

## Q3-

## Printing and Painting-

Visual Arts - Students will learn to use a variety of materials from gadgets to cardboard to explore making monoprints and multiple images. They will learn the fundamentals of repetition, pattern, and original motifs. They will use printmaking as a vehicle for making artistic creations as well as craft items.

## Introduction to the Stage-

Drama - In this introductory drama course students will learn about various aspects of the theater. Students will discover the role of the actor, director, and stage technician, and will become familiar with makeup, costumes, sets, and props. They may also produce a short play.

## Rhythm Band-

Music - Students will learn to play various rhythm instruments correctly. They will experience a variety of activities using the fundamentals of rhythm. Students will learn to read simple percussion scores.

## LEGO Storytellers-

Language Arts - LEGOS are EVERYTHING AWESOME! Explore an enormous collection of LEGOs through writing and be inspired! Imagine building fantastical storyboards to learn how to SHOW AND TELL. Learn the story writing process with a fun twist using components from the LEGO Fairy Tales, LEGO Space and LEGO Communities expansion kits. Build-up the story elements including character, setting, action and problem-solution brick by brick.

## Blossoming with Books STEAM-

Language Arts - This elective will expose students to a variety of authors \& genres and will include reading, writing and STEAM activities (Science, Technology, Engineering, Art and Math). For example, you might recreate Little Red Riding Hood's trip through the woods to Grandma's
house with BeeBots! Or after reading 'The Snowy Day', write and illustrate your own mini book about what YOU would do on a snowy day! When students are engaged in a meaningful book study, they realize that words are interesting and powerful. Join us as we Blossom with Books!

## Coral Reef AIG-

Science - This course will introduce primary students to the plants, animals and environment of the coral reef. Students will be involved in activities designed to help them identify, compare, and contrast the animals and plants of the coral reef with freshwater and land animals. Students will use classification and measuring skills while comparing and contrasting the characteristics and basic needs of the organisms present in the reef with those on land and in freshwater. A study of land and sea turtles and their life cycles is included to illustrate this concept. The learner will have the opportunity to ask a marine biologist questions about coral reefs online and explore web sites picturing coral reefs around the world.

## Chess-

Contemporary Arts - Students will study the fundamentals of chess, and time will be provided for them to develop beginning skills in the game.

## What's in the News AIG-

Language Arts - Examining current events that are relevant to students' lives will be the focus of this course. People, places, and items in the news will be discussed and explored. Students also will create their own news using home and school events. This course will help them build a concept of the importance of being informed citizens.

## Technology Wizards-

Computer Studies - Calling all techies! This course is designed to introduce students to the parts of the computer and their functions. Students will learn Internet Safety as well as respect for the technology equipment. Students will become technology wizards by learning basic keyboarding skills, drawing and word processing programs, and presentation skills.

## Let's Go Lifecycling-

Science - This course will examine the lifecycles of plants and animals (amphibious, aquatic, insect, and mammal). Students will observe and study the different stages, how they are alike and different, and what is required to complete those lifecycles. The opportunity to grow plants and nurture life will be included.

## Q4

## Images in Stone-

Visual Arts - Students will be taught the basic techniques of working with clay and complete the ceramic process from greenware to glazing. They will learn how to make a pinch pot, a
small solid clay sculpture, slab constructions, a coil built pot, and a "broomstick" pot. Each piece will be the students' original creation.

## Introduction to the Stage-

Drama - In this introductory drama course students will learn about various aspects of the theater. Students will discover the role of the actor, director, and stage technician, and will become familiar with makeup, costumes, sets, and props. They may also produce a short play.

## Music We Can Play and Sing (Recorders)-

Music - Through a sequential, vocal/instrumental approach, children will be introduced to music reading skills. Emphasis will be on both rhythmic and melodic notation.

## Sports Arena-

Physical Education - For the young athlete who enjoys team sports, this course will emphasize basic skill development which is essential to succeeding in sports. The importance of physical fitness, good sportsmanship, and working as a team will be stressed as students participate in drills and pre-game situations.

## Nature and Ecology-

Science - Save the planet! In what ways do you help preserve nature and its surroundings? In this elective students will learn about the positive and negative interactions of living organisms and their environment. Students will increase their global awareness through an in depth study of the biomes, pollution, and recycling.

## Best of the Best STEAM-

Language Arts - Students in this elective will be introduced to books by award-winning authors and illustrators. Among the Caldecott, Pura Belpre', or ALA Notable Book winners, they will find stories that will delight and inspire them. Their learning will be shared through character sketches, dramatizations and STEAM activities (Science, Technology, Engineering, Art and Math). Come see why these are the Best of the Best!

## Night Creatures AIG-

Science - The evening is quiet as the daytime animals are snuggling down for a good night's sleep. Soon the night is teaming with the sounds of nocturnal animals looking for their prey. In the Night Creatures elective students will learn about the many nocturnal animals and the variety of habitats in which they live. Students will explore the many adaptations that aid in the survival of these special animals and create and build ways to observe and attract these creatures to the world around them.

Language Arts - Are you a character? Do you like creating? This is the course for you! Puppet Play is a creative exploration into puppetry. Students will learn and create various types of puppets, such as hand, rod, string, shadow, and more. This course incorporates literacy skills, reading, writing, speaking and listening, to develop and personalize puppet characters for entertaining while developing life skills of critical thinking, communication, cooperation and creative expression.

## Sign Language-

Language Arts - Students will be taught the concept of using sign language as an alternative form of communication. Finger spelling and signing of familiar words and terms will be emphasized. Students will use their hands and eyes to "speak" and "listen" to others.

## Geometry Journeys-

Math - Children will partake in hands-on activities that explore geometric shapes and concepts. They will begin to explore the concepts of lines, shapes and make distinctions between 3-D and 2-D shapes. Children will also maintain a learning journal throughout this course.

## Let's Celebrate-

Language Arts - Have you ever wondered what it would be like to attend an Igbo Festival in Nigeria? Or eat sweets during the Candy Festival in Turkey? How would you like to participate in a May Pole Dance? Or march in a Bastille Day Parade? Well, join us on a trip around the world as we learn about many wonderful celebrations and festivals of different people, cultures, and countries. We will experience music, recipes, language and multi-sensory activities; as well as practice our geography skills while we study holidays around the world. Come celebrate with us as we learn to appreciate the many differences and, more importantly, the similarities between so many diverse and interesting cultures.

## Beginning French-

Foreign Language - This course is the beginning course in the study of the French language. It is designed for students with little or no experience in speaking French.

## Block C (2-3 Students)

## Making Rainbows-

Visual Arts - Students will learn to mix secondary colors using primary colors, and mix tints and shades for use in paintings. Tempera, water colors, and finger paints will be used.

## Reader's Theater-

Language Arts - This course will teach oral interpretation of literature. Students will analyze literature as to the author's purpose, point of view, and setting. The analyzed work will then be read to an audience. Techniques of formal critical analysis will be developed. A world of words and images will be opened. This course stretches the imagination and develops intuitive dimensions by making new connections between words and feelings.

## Shaping Up-

Health - Who's in control of having a healthy body? Aerobic exercises and nutritional education will enhance the awareness of what food and exercise can do for the body. Emphasis will be on weight control and acceptance of responsibility for one's self.

## Ballet-

Dance - This course will introduce students to the basic skills and terminology of ballet. Students will develop strength, flexibility, self-discipline, and awareness of proper body placement. The historical values of classical and contemporary ballet styles will be introduced.

## Keyboarding I and II-

Music - In this course, the student will continue their studies in piano and play in a piano recital. Designed for students with previous keyboard experience or no experience, the course will be adapted to the student's experience level.

## Robotics- ROADS

Science/STEM - In this elective students participate in the ROADS (Rover Observation and Discoveries in Space) program as administered by a consortium of universities in the Pacific Northwest through a NASA grant. Students learn coding in order to program and control robots that will accomplish criteria-based missions and tasks for the challenge. Additionally, they'll engage in a variety of scientific and engineering tests designed to simulate the research necessary for actual space exploration undertakings. Students work in teams and submit engineering mission logs that include test data, testing and robot videos and lines of code for challenge runs virtually in a national online robotics competition. This is a semester-long course during 3rd and 4th quarters.

## Prize Winners STEAM-

Language Arts - Let's celebrate the winners! Students will have the opportunity to listen to and to read award winning children's books that have been recognized for excellence. Caldecott winners as well as North Carolina Children's Book Award selections will be introduced. Children will develop listening and comprehension skills and explore various artistic mediums that the illustrators use to create books, as well as work with robots and other Maker materials to expand their understanding of why these books are Prize Winners!

## Cinderella Around the World AIG-

Language Arts - Pack your bags. Grab your passport. We are on a literature world tour to find Cinderella. Is she Appalachian, Creole, Chinese, Egyptian, or Jewish? Who helps her with magic? Is it a fairy godmother, fish, turkey, or dove? You will meet many different multicultural "Cinderellas" in this elective. Did you know there are over 1,500 versions of the Cinderella story dating back to the first century? Today there are 350 variants of the Cinderella tale. In this elective you will visit the seven continents and read a "Cinderella" story from many different countries while completing many activities and projects during the world tour.

## Author in the Making- Lego Storytellers-

LEGOS are EVERYTHING AWESOME! Explore the enormous collection of LEGOs through writing and be inspired! Imagine building fantastical storyboards to learn how to SHOW NOT TELL. Build-up the story elements, character, setting, action and problem-solution brick by brick.

## TREE- Mendous-

Science - Come join us on a journey of the largest and oldest living things on Earth-trees! In this elective students will gain an understanding and appreciation of trees and forests in their lives. They will study conservation strategies and the necessity for ecological balances in nature.

## Photography- Take a Look-

Media - Students will be introduced to photography as a means of communication. Their visual perception will be enhanced through exciting class projects. Students will create photograms, practice basic camera skills, and learn how to take pictures.

## Let's Experiment with STEM-

Science - Did you ever wonder how Sir Isaac Newton discovered the three laws of motion or how the Wright Brothers figured out how to fly? For sure, they made incorrect predictions along the way, but they learned from their mistakes. They made new predictions and designed experiments to see if they were correct. In this class, you will make your own predictions about science questions. You will view demonstrations and conduct experiments to test your predictions. Exploration of science concepts of motion, matter, and energy will be your focus
while practicing the steps of the scientific process, Sometimes, you will work alone, while other times you will work with classmates. You will write about what you see and do in a science journal, just like other scientists do. So, come along, and LET'S EXPERIMENT!

## Q4

## Images in Stone- Clay-

Visual Arts - Students will be taught the basic techniques of working with clay and complete the ceramic process from greenware to glazing. They will learn how to make a pinch pot, a small solid clay sculpture, slab constructions, a coil built pot, and a "broomstick" pot. Each piece will be the students' original creation.

## Creative Dramatics-

Drama - Through use of the senses, voice, and body, students will learn to expand their own creativity. This course builds a good self-image and confidence for further study in theater.

## Sports Arena-

Physical Education - For the young athlete who enjoys team sports, this course will emphasize basic skill development which is essential to succeeding in sports. The importance of physical fitness, good sportsmanship, and working as a team will be stressed as students participate in drills and pre-game situations.

## Creative Dance/ Jazz-

Dance - Students will be offered an intensive study in the creative process of dance. This course will increase individual facility from movement improvisation to basic choreography.

## Chorus-

Music - Students will learn to produce a good singing tone with their voices and beginning techniques for ukulele. Students will be exposed to a variety of pieces from different styles and periods. These prepared pieces may be performed for school programs and functions.

## Robotics- ROADS

Science/STEM - In this elective students participate in the ROADS (Rover Observation and Discoveries in Space) program as administered by a consortium of universities in the Pacific Northwest through a NASA grant. Students learn coding in order to program and control robots that will accomplish criteria-based missions and tasks for the challenge. Additionally, they'll engage in a variety of scientific and engineering tests designed to simulate the research necessary for actual space exploration undertakings. Students work in teams and submit engineering mission logs that include test data, testing and robot videos and lines of code for
challenge runs virtually in a national online robotics competition. This is a semester-long course during 3rd and 4th quarters.

## Fairy Tales STEAM -

Language Arts - This course will acquaint students with a variety of fairy tales. Role-play, reading, viewing, writing and STEAM (science, technology, engineering, art and math) activities will be used to explore these magical stories. Can you design a house that will withstand the Big Bad Wolf's huffing and puffing? Can you program a DASH robot to follow the path to Grandma's house? Students in this elective will learn these and much more!

## It's a Small World AIG-

Language Arts - In this course students will learn about the interdependence of people around the world. Cultures in our world and the similarities between people will be studied. Students will learn other systems for dealing with time, money, and measurement; explore various foreign languages; study heroes from other cultures; and recreate customs from various countries.

## Simple Machines with LEGOS-

LEGOS are EVERYTHING AWESOME! Explore the enormous collection of LEGOs through science and be inspired! Imagine building simple machines that move and solve problems learned in EL Modules. Make a claim about how well their design solves the problems and support their claim with evidence about the problem and the reason(s) why their design solves the problem.

## Creative Stitchery and Weaving-

Visual Arts - Students will learn many different stitches for designing with yarn and burlap. Basic weaving techniques will be explored.

## Puppet Play-

Language Arts - Are you a character? Do you like creating? This is the course for you! Puppet Play is a creative exploration into puppetry. Students will learn and create various types of puppets, such as hand, rod, string, shadow, and more. This course incorporates literacy skills, reading, writing, speaking and listening, to develop and personalize puppet characters for entertaining while developing life skills of critical thinking, communication, cooperation and creative expression.

## Geometric Design AIG-

Math - Have you ever been to an amusement park? Have you ever successfully traced a line through a maze? Do you know what characteristics a shape must have to be called a polygon? In this class, you will study the history of geometry and use the concepts of line, angle, and shape, to solve design challenges. You will see where these geometric elements exist in the world around you as you work to fully develop understanding of vocabulary and principles of geometry. You will be working creatively both alone and with classmates on
specific tasks that provide opportunities to read about, write about, speak about, and listen to others speak about thoughts and ideas as we build deeper understanding of geometry concepts. Come join us on an a-maze-ing journey!

## Block D (3-5 Students)

## Q3-

## Making Rainbows-

Visual Arts - Students will learn to mix secondary colors using primary colors, and mix tints and shades for use in paintings. Tempera, water colors, and finger paints will be used.

## Track

Physical Education - Learn the basic rules, principles, and techniques involved in track and field. Areas to be covered include running, jumping, relays and throwing. Students will be involved in a training program that will help them learn and develop the basic skills and techniques needed to perform a variety of track and field events. This class culminates with the students competing at the Magnet Track Meet held in the spring.

## Inventions AIG-

Science - Inventions are all around you! Enjoy building various inventions, designing your own ideas, combining inventions to create new ideas, and researching famous inventors. In addition, you will become an inventor yourself and have a chance to submit your own invention to our Thomas Edison Inventions Fair.

## Awesome Artistic Authors STEAM-

Language Arts - Students will have the opportunity to make, illustrate, and write their own books. The books will highlight art skills (including digital) and concepts, famous artists from around the world, and cultural diversity as well as commonalities. While integrating the two disciplines of visual art and language arts, students will be able to create a variety of exciting publications of their own.

## It's Comical w/ Ms. Parrish-

Language Arts - Students will explore the different types of humor used in comic strips. They will learn to analyze techniques used by a cartoonist and examine the development of characters, dialogue, plot, and theme. After an in-depth study of Charles Schultz's PEANUTS, young cartoonists will create comic strips of their own.

## Scholastic Pursuit-

Media - SCHOLASTIC PURSUIT reinforces the knowledge students have acquired throughout the elementary grades. Emphasis is placed on research, questioning, and listening skills. Students gather information to compete among themselves in mini academic contests. A team is finally chosen from this class to compete in a system-wide academic tournament.

## Creative Dance: Step-

Dance - Students will be offered an intensive study in the creative process of step dance. Students will learn the history of Step as a form of dance that has cultural significance to the African-American community. Students will have the opportunity to learn routines from local college students in NPHC fraternities and sororities, focusing on the discipline and fun of the art form. This course will increase individual facility from movement improvisation to basic choreography.

## Story Spinning Radio Show- Sports Podcast-

Media - Students will create their own 15-minute radio show with original stories, characters, music and sound effects. They will learn how to use digital sound editing equipment and produce a broadcast quality CD utilizing accessible computer technology.

## Yearbook-

Language Arts - Come and explore the parts of a newspaper from headlines to comics. Learn to write various types of news articles from stories to editorials. Enjoy an opportunity to create and publish a school newspaper.

## Q4

## Cut and Sew-

Contemporary Arts - CUT AND SEW is a course for beginners. Students will learn the basic steps in cutting out patterns, attaching snaps and buttons, hemming, and stitching. Take-home projects will be completed.

## Team Sports-

Physical Education - This course is designed for the student who is interested in investigating and developing skills in a variety of team sports. Emphasis will be placed on skills, drills, rules, care of equipment, lead-up activities, and game situations. Good sportsmanship and team cooperation will be stressed. Team sports to be covered in this course will include kickball, soccer, and basketball.

## Wacky Makeup and Crazy Costumes-

Drama - This course is an introduction to the basic skills of making costumes and creating "makeup" for theater. Students will learn how creativity can take them beyond the boundaries of a makeup kit and sewing machine. Through the use of paper, glue, scraps, and everyday household items, students will create theatrical characters.

## Dance Through the Decades-

Dance - Twist, Mambo, Charleston, and Moonwalk thru the years as you learn about American culture, fads, and history as well as popular dances over the years!

## Creative Problem Solving AIG-

Social Studies - Students will look at problems and decisions they face daily and imaginary scenarios. They will learn a six-step method for solving problems (CPS). Creative Problem Solving will be applied in the class.

## Fuller News Show-

Media - The primary purpose of this elective is to produce a "your school News Today" program to present important school information and events. Students who participate in this elective will study concepts of presentation: speaking, diction, personality, celebrity, marketing, branding and advertising. Research, writing, editing and reporting as well as incorporating new technologies to produce each program, are prime focus areas. Sight, Sound, and Action I elective is a prerequisite.

## Chorus-

Music - Students will learn to produce a good singing tone with their voices and beginning techniques for ukulele. Students will be exposed to a variety of pieces from different styles and periods. These prepared pieces may be performed for school programs and functions.

## Birds-

Science - This course offers a close look at the characteristics and adaptations of this fascinating group of vertebrates. Birds of prey, songbirds, marine, and freshwater fowl will be studied. Students will conduct research projects, construct bird feeders from recycled materials, and keep a record of birds observed during this course.

## Garden Design-

Science - Join us for an AMAZING adventure into the world of plants! Together we will explore how people, animals and plants connect historically, individually and in communities. Learners will explore the idea of gardens and design innovative garden spaces that draw fellow citizens into the environment as well as the study the essentials of plant life and explore the different processes of growing plants. Additionally, students will develop business skills as they sell plant starts to the community as a fundraiser for the school.

## Story Spinning Radio Show- Sports Podcast-

Media - Students will create their own 15-minute radio show with original stories, characters, music and sound effects. They will learn how to use digital sound editing equipment and produce a broadcast quality CD utilizing accessible computer technology.

## Stress Management-

Health - This course will focus on everyday solutions to handling stress at school, at home, and in peer relationships. It is designed to make the student aware that stress is not necessarily bad, but needs to be dealt with in a positive manner. Techniques for solving day-to-day pressures that may be experienced by the students will be taught.

## Pen Pals-

Language Arts - Students will participate in a variety of letter-writing experiences such as, writing invitations, thank you notes, and corresponding with a pen pal. Emphasis will be on developing legibility and a personalized style in cursive handwriting.

## Liberty! The American Revolution

Social Studies - This elective describes the conflicting views held by American colonists and the British government. Students will learn about the problems that arose for England and the colonies. Students will learn how the colonists finally declared their independence, fought to make independence a reality, and formed a new nation. We will learn what life was like for soldiers and civilians during the American Revolution.

## Block E (4-5 Students)

## Q3-

## Drawing and Painting-

Visual Arts - Exercises in drawing techniques will be experienced with an emphasis on the human figure, still life, and objects from nature. In painting, color theory will be emphasized. Students will incorporate their drawings into paintings.

## Mime-

Drama - This course will involve students in the art of dramatics through mime. Students will learn pantomime techniques, enact popular and original stories, and participate in student performances.

## Track-

Physical Education - Learn the basic rules, principles, and techniques involved in track and field. Areas to be covered include running, jumping, relays and throwing. Students will be involved in a training program that will help them learn and develop the basic skills and techniques needed to perform a variety of track and field events. This class culminates with the students competing at the Magnet Track Meet held in the spring.

## Dance Ensemble

Dance - This course is designed for students who want to continue their dance training. Focus is on dance technique and its relationship to choreography. A highlight will be a performance experience. DANCE ENSEMBLE is open to students who have completed at least two semesters of dance at the 3-5 level, or by permission of the teacher.

## Keyboarding I and II-

Music - In this course, the student will continue their studies in piano and play in a piano recital. Designed for students with previous keyboard experience or no experience, the course will be adapted to the student's experience level.

## Fuller News Show-

Media - The primary purpose of this elective is to produce a "your school News Today" program to present important school information and events. Students who participate in this elective will study concepts of presentation including speaking, diction, personality, celebrity, marketing and advertising. Research, writing, editing and reporting as well as incorporating new technologies to produce the program are prime focus areas.

## Talk About it Book Club AIG-

Language Arts - Join the club! During this elective, students will have the opportunity to select from and read a variety of novels. This book club allows opportunities to read novels and participate in small group seminars/discussions. Follow-up extension projects will be generated through the use of computers, songs, advertisements, literature circles, Paideia seminars, and other book enrichment choices. Students will present their book projects creatively and participate in the development of a collection of book reviews for the school library.

## Mysteries of Egypt STEM

Social Studies - Sail down the Nile and explore the dynasties of Ancient Egypt. Students will investigate a mummy's tomb, pyramids, hieroglyphics, King Tut and much more. Through this historical study, the mysteries of Egypt will unfold.

## Geometric Design AIG-

Math - Have you ever been to an amusement park? Have you ever successfully traced a line through a maze? Do you know what characteristics a shape must have to be called a polygon? In this class, you will study the history of geometry and use the concepts of line, angle, and shape, to solve design challenges. You will see where these geometric elements exist in the world around you as you work to fully develop understanding of vocabulary and principles of geometry. You will be working creatively both alone and with classmates on specific tasks that provide opportunities to read about, write about, speak about, and listen to
others speak about thoughts and ideas as we build deeper understanding of geometry concepts. Come join us on an a-maze-ing journey!

## Q4

## Pottery (advanced clay)

Visual Arts - Explore and create with clay, one of the oldest art media known to man. Using slab-building, pinch pots, coil building, and sculpting techniques, students will create original pieces.

## Rhythms, Ropes, Hoops, and Chutes

Physical Education - Through a variety of activities in rhythmics and rope jumping, students will improve in total body coordination.

## Play writing-

Language Arts - Imagination! That is what this course will require from young writers! Students will learn to organize their thoughts into writing. Are you the next Neil Simon? Samuel Beckett? Sign up and find out! As they create their own plays, they will develop characters from fantasy, present day, historical, or futuristic settings.

## Dance Ensemble-

Dance - This course is designed for students who want to continue their dance training. Focus is on dance technique and its relationship to choreography. A highlight will be a performance experience. DANCE ENSEMBLE is open to students who have completed at least two semesters of dance at the 3-5 level, or by permission of the teacher.

## Music through a variety of sound sources-

Music - Students will become acquainted with traditional instruments of the string, brass, woodwind, and percussion families. They will search for new sound sources using such things as cans, rocks, sticks, tape recorders, and electronic synthesizers.

## Volts, ohms, and watts-

Science - Volts, Ohms, and Watts provides a look at how magnetism and electricity is produced, allows opportunities for experimentation with circuitry, and encourages construction of several simple electrical devices. Students will also create their own compass and electromagnet through hands-on experiments.

## Blue Ribbon Books STEAM -

Language Arts - One way to get students to read is to give them access to great literature, the kind that is enjoyed by kids everywhere. This elective will allow students to explore many types
of prize-winning literature. Students will choose their own reading material and communicate their experiences with the other members of the class through booktalks, posters and creating digital book trailers to share with each other (and maybe the whole school)!

## Poetry AIG-

Language Arts - Appreciation grows with exposure to poetry. This course is designed for gifted students or high-ability learners with high verbal skills, and for students who display a keen interest in poetry and an inclination towards creative writing. Students will write a variety of poetry forms, rhythmical patterning, incorporating similes, and metaphors. Culminating activities include conducting poetry readings for younger children, publishing a class anthology of students, poems with illustrations, and/or making a multi-media presentation to be shared with parents.

## Mystical Mythology: Mortal or Monster?-

Language Arts - Mythology is designed to introduce students to the world of mythology. Through research and investigation, students will become familiar with Greek gods and goddesses and how they have made an impact in our lives today.

## Beginning Spanish

Foreign Language - This course is the beginning course in the study of the Spanish language. It is designed for students with little or no experience in speaking Spanish.

## Freaky Fractions-

Math - This course provides reinforcement and enrichment with fractions for fourth and fifth graders. Students will become aware of the variety of ways in which fractions are commonly used, develop a repertoire of visual models for fractions, and apply these models flexibly and appropriately as they solve problems with fractions. All activities are designed to help students see the connections between fraction concepts and real-life experience.

