



# Fall 2024 Elective Description Guide

**Block A** - Grades K & 1

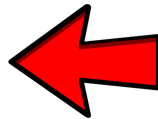
**Block B** - Grades 1 & 2

**Block C** - Grades 2 & 3

**Block D** - Grades 3, 4, & 5

**Block E** - Grades 4 & 5

**[Registration Form](#)**



## Block A (K-1 Students)

Q1-

### **All Together-**

**Visual Arts** - Students will explore a variety of art media to build their skills of drawing, painting, cutting and pasting, and sculpting.

### **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.

### **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.

## **New Games-**

**Physical Education** - Students will participate in a wide variety of games which focus on the joy of play, cooperation, and trust, rather than simply striving to win. These games are based upon the philosophy, "Play hard, play fair, nobody hurt." Activity level will range from physically active to quiet group games. Good sportsmanship will be emphasized as well as practice in basic movement skills.

## **Exploring Dance Styles-**

**Dance** - In this introductory course to the basic movement principles that pertain to ballet, modern, and tap dance, students will begin to develop strength, coordination, and flexibility. The dancers will learn dance vocabulary associated with each dance discipline.

## **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.

## **Book into Math AIG-**

**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.

## **.My Green Thumb-**

**Science** - Are you ready to use your green thumb to grow your own fruit, vegetable, or herb? In Green Thumb, we will learn the value of plants in our environment while growing our very own plant and recording our findings through various data collection methods.

## **Yoga For Kids-**

**Dance** - Students in this course will practice asana (postures) to build strong, flexible bodies and pranayama (breath control) to calm the mind, as well as, play games and sing songs that enable students to deepen this practice. They will learn many words in the ancient language of Sanskrit and how yoga evolved. Opportunities for service in the local community will also be emphasized (Karma Kids).

## **Destiny Travel Agency-**

**Language Arts** - This course will provide learners the opportunity to discover ten different cultures located around the world by "traveling" to Brazil, Mexico, England, India, New Zealand, Nigeria, Israel, Russia, and Japan. The learners will be receiving a passport that will enable them to travel to the different countries. They will also be receiving a suitcase in which to keep

all of their "souvenirs." During each trip to a different country, the learners will be experiencing the following activities: recognizing different seasonal changes and times between their country and the country they are visiting, making clothes (paper dolls) to be worn during their trip, drawing simple maps of the homes and communities that are located in the country, cooking and tasting food, experiencing holidays that are celebrated in the country, exploring that country's different customs, playing games, listening and dancing to music, replicating art, familiarizing themselves with any famous people who live there, and responding to their visit through a postcard that will be sent "home" after each trip.

### **Kitchen Chemistry-**

**Science** - In this course the students will learn, through many exciting experiments, about simple scientific phenomena, such as physical and chemical changes; states of matter--solids, liquids, and gases; and the cause and effect of heat. Students will also learn how ice cream and soap are made.

### **Math Masters-**

**Math** - MATH MASTERS will provide a balanced approach in reinforcing and enriching basic math skills. Students who excel in or have a keen interest in math will have numerous opportunities to sharpen their skills. This will be accomplished through activities that include estimation, graphing, measurement, prediction, and application of basic math skills.

### **Storybook Friends**

**Media** - This course will introduce many types of characters in favorite storybooks. It will focus on the importance of characters and their character traits. Students will learn about fairy/ folk-tale, animal, and real-life characters. Students will communicate their understanding of these characters in a variety of literature extension activities such as puppets, character sketches, illustrations, published books, and dramatizations.

Q2

### **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. This is not a performance elective, where students present to an audience, but rather, they will perform with and for each other; parents are always welcome to come in and be an audience--and even join in if they wish.

### **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.)

### **Beginning Gymnastics-**

**Physical Education** - Learn all about the different events of gymnastics. Students will learn the basic skills used on the floor, balance beam, vault and bars. Students will work individually and in small groups developing their skills and will perform their skills at the end of the quarter.

### **Ballet-**

**Dance** - This course will introduce students to the basic skills and terminology of ballet. Students will learn the history of ballet as well as the format of a typical ballet class. The students will develop strength, flexibility and the knowledge of 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.

### **Fine For Me-**

**Visual Arts** - Ready, Set, Cut, Trace, Build, Create and Write! In this elective, students will use books, worksheets, Legos, lined paper and various other media to develop their fine motor skills, hand-eye coordination and handwriting skills in order to help them to be more successful in the classroom. Come join the fun!

### **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.

### **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.

### **Fairy Tales and Fables-**

**Language Arts** - This course will offer an in-depth look at a variety of fairy tales and fables. Students will participate in enriching activities that will enhance the stories as well as help students work towards an understanding of two of the oldest children's literary forms.

### **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.

### **Animal Studies-**

**Science** - Students will explore animal classifications, habitats, life spans, body features, and defense mechanisms through creative activities. The animal kingdom's endangered species will also be identified.

### **Egypt-**

**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.

### **Lego Storytellers-**

**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.

## Block B (1-2 Students)

Q1-

### **Animals in Art-**

**Visual Arts** - Students interested in animals will have the opportunity to research, draw, paint, model, and cut to portray prehistoric, real, and imaginary animals.

### **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. This is not a performance elective, where students present to an audience, but rather, they will perform with and for each other; parents are always welcome to come in and be an audience-and even join in if they wish.

### **Introduction to Orchestra I (Beginning)- \*\*2nd grade only**

**Music** - Learn to play the violin, viola, or cello in this course. This is the beginning level and it is a year-long elective. Practicing at home will be highly recommended. (This section is only open to grade 2)

### **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.

### **Ready Set Move-**

**Physical Education** - This is a course for kindergartners designed to strengthen gross motor skills by using large muscle groups. The activities will include imitating body movements, identifying and using body parts, and manipulating their bodies in space.

### **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.

### **Sounds of the World**

**Music** - Students will explore cultures of the world through music and musical instruments. An appreciation for a variety of musical styles will be fostered through exposure to music from all over the world and the creation of some unique and interesting musical instruments.

### **Lego Storytellers-**

**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

### **Fairy Tales (STEAM)-**

**Language Arts** - Goldilocks! Red Riding Hood! The Hare and the Tortoise! In this elective, students will take an in-depth look at a variety of fairy tales and fables. They will participate in science, technology, art, engineering and math activities (STEAM) which will enhance the stories as well as help students gain understanding of two of the oldest children's literary genres.

### **Architecture Around Us-**

**Math** - Architecture is all around us and is around the globe. Students will explore many forms of architecture and will discover how shapes are put together to create buildings. Students will learn about the history of architecture and how it fulfills the human need for shelter. Students will create drawings and design structures using blocks and other construction materials.

## **What's in the News-**

**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.

## **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.

## **Beginning Literary Styles (Comics focus)**

**Language Arts** - The primary purpose of a literature program for young children is to encourage them to discover the value of and to provide them abundant experiences with good literature. In this course students will be provided opportunities to read and hear quality literary works.

## **Weather Watchers-**

**Science** - Beginning meteorologists will be assisted in understanding the elements which make up weather. Students will perform experiments and build their own weather instruments.

## **Dancing and Playing Around the World**

**Language Arts** - Dancing and Playing Around the World is filled with a variety of games and dances that reflect our worldwide cultural diversity. This is a wonderful opportunity for children to explore different cultures through dance and movement activities as well as language and enrichment experiences. As the children explore dances and games from all over the world, they will develop geography skills, writing skills, knowledge of the different continents and countries, and an appreciation for the various cultures in our global community.

Q2

## **Sculpture-**

**Art**- This elective is for students who love to build, invent, and tinker. Students learn how to use tools and techniques for creating three-dimensional forms with paper, cardboard, recycled materials, tape, glue, and paint - with an emphasis on experimentation, problem-solving, and helping others.

## **Reader's Theater-**

**Drama**- 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.

### **Pathway to the Orchestra I-**

**Music** - Learn to play the violin, viola, or cello in this course. This is the beginning level, and it is a year-long elective. Practicing at home will be highly recommended. (This section is only open to grade 2)

### **Orff-Estra-**

**Music** - This course is based on Carl Orff's unique approach to music. Students will be exposed to a variety of activities (singing, chanting rhymes, dancing, keeping a beat, and playing instruments) that will enhance their natural way of learning music. Special instruments will be used to insure successful music experiences. "Orff"-estra introduces students to a lifetime of pleasure in music.

### **Beginning Gymnastics-**

**Physical Education** - Learn all about the different events of gymnastics. Students will learn the basic skills used on the floor, balance beam, and vault. Students will work individually and in small groups developing their skills and will perform their skills at the end of the quarter.

### **Ballet-**

**Dance** - This course will introduce students to the basic skills and terminology of ballet. Students will learn the history of ballet as well as the format of a typical ballet class. The students will develop strength, flexibility and the knowledge of proper body alignment.

### **Keyboarding/ Piano-**

**Music** - In this course, the student will learn to play a keyboard instrument. Designed for students with no previous keyboard experience, the basic fundamentals of music and playing technique will be presented.

### **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 different themes for which students will design and construct technological solutions and innovations using LEGO materials. In addition to learning aspects of the theme and robotic approaches, they will 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.

### **It's a Small World**



**Language Arts** - In this course students will learn about the interdependency 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.

### **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.

### **Yoga for Kids**

**Dance** - Students in this course will practice asana (postures) to build strong, flexible bodies and pranayama (breath control) to calm the mind, as well as, play games and sing songs that enable students to deepen this practice. They will learn many words in the ancient language of Sanskrit and how yoga evolved. Opportunities for service in the local community will also be emphasized (Karma Kids).

### **Take a Look - Photography**

**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.

### **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.

### **French for Beginners**

**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)

Q1-

### **Printing and Painting-**

**Art** - This is an art class for students who want to learn about using paint in thrilling new ways! Students learn about repetition, patterns, and colors and design their own stamps, create monoprints, and use unconventional tools to create beautiful artwork. This class is a blend of guided projects and open centers, with an emphasis on exploration and making choices. Students will also be introduced to Gelli printing, using materials donated last Spring through Donor's Choose! Gelli printing is an amazing form of mono printing that uses flexible printing plates to create textures and layers of color.

### **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.

### **Pathway to Orchestra I (beginner)-**

**Music** - Learn to play the violin, viola, or cello in this course. This is the beginning level, and it is a year-long elective. Practicing at home will be highly recommended.

### **Band I-**

**Music** - Learn to play a musical instrument heard in a band. Students will select one of the following instruments to study for the year:

Woodwinds - flute, clarinet, alto saxophone.

Brass - trumpet, trombone.

Percussion - bells (with mallets) and drums.

### **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. This course will also extend the basic knowledge of tap by adding beginning clogging instruction featuring a systematic presentation of six basic steps and routines geared to these steps.

## **Keyboarding-**

**Music** - In this course, the student will learn to play a keyboard instrument. Designed for students with no previous keyboard experience, the basic fundamentals of music and playing technique will be presented.

## **Robotics- Wonder League**

**Science** - In this class, students will program DASH robots for a simulation mission that recreates the first part of the Voyager 2 mission in our Solar System. Students will work to create a "challenge map" to represent the outer planets and will code the robots to navigate the map. This is a great non-competitive introductory robotics course for 2nd and 3rd graders that will last the whole semester.

## **Computer Critters-**

**Science** - Animals, animals, animals everywhere! Become an animal expert by exploring and researching the different animal groups such as mammals, amphibians, reptiles, fish, insects, and birds. Sharpen your computer skills and confidence while learning the fascinating facts and unique characteristics of each animal group. As an animal expert, you will complete computer art, math, science, and language arts activities using a variety of computer programs. Come join the animal adventure!

## **Night Studies AIG-**

**Science** - The evening is quiet as the daytime animals are snuggling down for a good night's sleep. Soon the night is teeming 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.

## **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.

## **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.

## **Take a Look - Photography**

**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.

### **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.

### **Creative Stitchery and Weaving-**

**Art** - This is a class for students who love to work with yarn and fibers. Students learn basic weaving techniques and will be introduced to stitching with yarn on felt and fabric. Projects are mostly teacher-directed, but students will have time to experiment with materials to create their own designs with yarn and textiles.

### **My Green Thumb-**

**Science** - Are you ready to use your green thumb to grow your own fruit, vegetable, or herb? In Green Thumb, we will learn the value of plants in our environment while growing our very own plant and recording our findings through various data collection methods.

Q2

### **Creative Stitchery and Weaving-**

**Art** - This is a class for students who love to work with yarn and fibers. Students learn basic weaving techniques and will be introduced to stitching with yarn on felt and fabric. Projects are mostly teacher-directed, but students will have time to experiment with materials to create their own designs with yarn and textiles.

### **Theater Games-**

**Drama** - Through hands-on activities students will participate in improvisational theater activities to build concentration, stage presence, communication skills, self-confidence, and cooperative skills.

### **Pathway to the Orchestra I (Beginning)-**

**Music** - Learn to play the violin, viola, or cello in this course. This is the beginning level, and it is a year-long elective. Practicing at home will be highly recommended.

### **Band I-**

**Music** - Learn to play a musical instrument heard in a band. Students will select one of the following instruments to study for the year:

Woodwinds - flute, clarinet, alto saxophone.

Brass - trumpet, trombone.

Percussion - bells (with mallets) and drums.

## **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.

## **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.

## **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.

## **Voyager Robotics- Wonder League**

**Science** - In this class, students will program DASH robots for a simulation mission that recreates the first part of the Voyager 2 mission in our Solar System. Students will work to create a "challenge map" to represent the outer planets and will code the robots to navigate the map. This is a great non-competitive introductory robotics course for 2nd and 3rd graders that will last the whole semester.

## **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.

## **Magnificent Mammals AIG-**

**Science** - This course will provide students with a general introduction to mammals. They will discuss the characteristics that distinguish mammals from other animals, learn how mammals grow and survive, and look at the ways that man (the most dominant mammal) has influenced the lives of other mammals. Students will also learn about mammals who live in various habitats: the ocean, desert, rainforest, and mountains.

## **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.

### **Treasure Island-**

**Social Studies** - This course will provide students with an opportunity to understand how to navigate their community and understand the world through the use of maps and globes. Students will learn to read maps and globes, draw maps, and create maps and globes. The objective of this course is for students to have a basic understanding and the necessary skills to read and use maps and globes.

### **Robotics-**

**Science** - In this elective students will program and control actual robots that they build themselves using specially created software and Lego building materials. They will begin by following step-by-step instructions in order to build and program a simple robotic model. Eventually, the students will be able to imagine an original robot, program its functions, and finally "bring it to life".

### **Chess-**

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

### **Africa-**

**Social Studies** - Students will look at life in Africa. They will gain an understanding about the land, people, and their way of life. Students will be able to compare / contrast their way of life with an African child's. They will learn that they share their family life, parents' love, relationships, friendships with other children, and excitement of trips and games.

### **Fairy Tales AIG-**

**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.

## Block D (3-5 Students)

Q1-

### **Sculpture-**

**Visual Arts** - This elective is for students who love to build, invent, and tinker. Students learn how to use tools and techniques for creating three-dimensional forms with paper, cardboard,

recycled materials, tape, glue, and paint - emphasizing experimentation, problem-solving, and helping others. Students will also learn a variety of ways to attach pieces, including how to use a glue gun safely.

### **Behind the Scenes-**

**Drama** - Students will explore a variety of technical aspects of the theater: makeup, costumes, sound, properties, scenery, and stage crafts.

### **Pathway to Orchestra I (Intermediate)**

**Music** - Learn to play the violin, viola, or cello in this course. This is the Intermediate level. Students will need at least one year of experience on their instrument to participate in this course. Practicing at home will be highly recommended.

### **Band I-**

**Music** - Learn to play a musical instrument heard in a band. Students will select one of the following instruments to study for the year:

Woodwinds - flute, clarinet, alto saxophone.

Brass - trumpet, trombone.

Percussion - bells (with mallets) and drums.

### **Cup Stacking-**

**Physical Education** - Learn about the sport of Speed Stacking! Using multiple formations, styles, activities, and partner skills, students will improve their hand-eye coordination and ambidexterity by stacking.

### **Modern-**

**Dance** - This course will offer a more intensive study in modern dance through technique, terminology, and choreography. Students will gain increased strength, range of motion, and coordination while exploring creative expression and individual style.

### **Keyboarding/ Piano-**

**Music** - In this course, the student will learn to play a keyboard instrument. Designed for students with no previous keyboard experience, the basic fundamentals of music and playing technique will be presented.

### **Aeronautics AIG-**

**Science** - This is an exciting course that will explore man's infinite fascination with flight. The journey will begin with a study of the properties of matter (solids, liquids, and gases). Students will investigate the layers and composition of the earth's atmosphere and how air pressure affects the way different types of aircraft fly. Experiments with Newton's Laws of Motion and the Bernoulli Principle will help students better understand the historical journey of unmanned and

manned flights, from hot air balloons to rockets. Students will even construct models and launch a few flights of their own!

## **Lego Robotics (FLL)-**

**Science -**

## **Magnificent Mammals AIG-**

**Science -** This course will provide students with a general introduction to mammals. They will discuss the characteristics that distinguish mammals from other animals, learn how mammals grow and survive, and look at the ways that man (the most dominant mammal) has influenced the lives of other mammals.

## **Lessons in Leadership-**

**Social Studies -** Students will study leadership techniques and the characteristics of persons that are, or have been, influential leaders in our country. Students will be asked to assume school leadership roles and practice techniques acquired through this course.

## **Chess-**

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

## **Cinderella Around the World-**

**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.

## **Adventures in Space-**

**Science -** In this course, students will study the solar system, the history of our space program, and methods of flight/space transportation.

## **Let's Experiment-**

**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!

## **Mind Benders-**

**Math** - Math is all around us - at times right in front of our noses, and at other times mysteriously disguised. In this course students will explore the pattern, puzzles, mysteries, relationships, and fun of mathematics.

## Q2

## **You Gotta Have Art/ Behind the Scenes-**

**Visual Arts** - In this elective students will have the opportunity to help create backdrops, scenery, or props for the school's theater production or explore a variety of art media to build skills in drawing, painting, collage, and sculpting in choice-based art centers. This elective is for students who love working collaboratively and students who want more time to focus on growing as an artist.

## **Theater Production-**

**Drama** - This is a course in which students will be expected to participate in the production of a play. Music, art, dance, and drama come together in the creation of the play which will be performed for a live audience during school hours and also one evening performance. This class will continue with the same students, at the same time period in the 3rd qtr.

## **Pathway to the Orchestra I (Intermediate)-**

**Music** - Learn to play the violin, viola, or cello in this course. This is the Intermediate level. Students will need at least one year of experience to participate in this course. Practicing at home will be highly recommended.

## **Band I-**

**Music** - Learn to play a musical instrument heard in a band. Students will select one of the following instruments to study for the year:

Woodwinds - flute, clarinet, alto saxophone.

Brass - trumpet, trombone.

Percussion - bells (with mallets) and drums.

## **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.

## **Let's Experiment/ Science Fair-**

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!

### **Kitchen Chemistry-**

**Science** - In this course the students will learn, through many exciting experiments, about simple scientific phenomena, such as physical and chemical changes; states of matter--solids, liquids, and gases; and the cause and effect of heat. Students will also learn how ice cream and soap are made.

### **Egypt-**

**Social Studies** - Students will have an opportunity to understand the influence of Egyptian culture on family behavior and activities, architecture, and clothing. They will gain an understanding of the universality and diversity of family needs and customs through an introduction to life in Egypt.

### **Curious Creatures-**

**Language Arts** - This course will help students develop their reading and writing skills through the study of Curious Creatures. Various types of literature and several types of writing will be explored throughout the course. Science and social studies content will be incorporated through activities that focus on life science, science process skills, and the themes of geography. Students will use research skills developed throughout the course to prepare an animal report as a conclusion to their course work.

### **Odyssey of the Mind-**

**Language Arts** - The heart of learning is a constant search for simple ways to solve problems. Hunches or leaps of insight, often called "aha," enable a person to see a clear and direct answer that has eluded others. This course will help to break down barriers to problem solving so that these creative leaps of the mind can occur. Students will prepare for O.M. competition which includes team-building and problem-solving strategies.

### **World & US Geography-**

**Social Studies** - The United States is a vast country with a diverse geography, history, and people. Students will use the five themes of geography (Location - absolute and relative, Description of Place - physical and cultural, Human-Environment Interactions, Movement, and Regions) as a lens through which they can view and develop a more complete understanding of the United States. Students will learn about landforms, climate, history, and culture of the

different regions. Students will engage in a range of hands-on activities that will include building sod and adobe houses, creating a newspaper article about African-American cowboys, recording their relative location with compasses, and making a mathematical representation of an 1,800 square mile buffalo herd.

### **Rocks and Minerals-**

**Science** - This elective combines a scientific study of rocks and minerals with information on how these substances are used to stimulate the economy. Hands-on explorations, collaboration with geological experts, and an authentic opportunity to create, market, and sell a mineral-based product, gives students a greater understanding of rocks and minerals, their uses in our communities, and economics.

### **Computer Webmasters-**

**Computer Studies** - Students will learn how to write and create their own personal web page. Students will use the computer to write stories, poems, imaginative narratives and personal narratives on a variety of topics for their web page projects. The web pages will be posted to the school's web site once peers and the instructor review them. Dialogue will be created during the review process to make sure that high quality web pages will be posted to the Internet. Students will learn how to insert photos, graphics and drawings into their web pages.

## Block E (4-5 Students)

Q1-

### **Printmaking-**

**Visual Arts** - This elective is for students who love to draw and want to try something exciting and new! Students learn many different ways to create beautiful prints: monoprints, stencils, block printing, and more. This class is mostly guided projects to learn about tools and techniques, but students choose what images they want to create and are given time to experiment and explore with the materials. Students will also be introduced to Gelli printing, which is using materials donated last Spring through Donor's Choose! Gelli printing is an amazing form of mono printing that uses flexible printing plates to create textures and layers of color.

### **Acting-**

**Drama** - In this course, students will participate in role-playing, scripted study, improvisation, and characterization. Teacher-guided study in voice, body movement, and concentration techniques will develop the actor's tools.

### **Pathway to Orchestra II (Advanced)-**

**Music** - Learn to play the violin, viola, or cello in this course. This is the Advanced level. Students will need at least two years of experience to participate in this course, and practicing at home will be highly recommended..

### **Band II (Advanced)-**

**Music** - This course will include instruction on woodwind, brass, and percussion instruments begun in PATHWAY TO THE BAND I. Emphasis will be on individual and group instruction. Solo and ensemble performances will be a vital part of this course.

### **Racquet Sports-**

**Physical Education** - Learn to play tennis and badminton! Students will learn about serving, forehands, backhands, and volleys in tennis and badminton. Students will work individually, with partners, and in small groups to learn how to keep score and referee the games. To improve play, students will use USTA certified Quick Start tennis equipment as well as modified badminton equipment.

### **Making 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 learn the fundamentals of music and create music using such things as electronic synthesizers, percussion instruments, piano, cups, paper, rubber bands, etc.

### **Science Olympiad-**

**Science** - Science Olympiad is the preeminent national student science competition. The year-long course provides an opportunity for students to expand their knowledge in science and technology related areas. Students investigate scientific disciplines through a variety of contests at the culminating spring tournament, after preparing throughout the year by doing hands-on and inquiry-based activities. Olympiad events involve teamwork, group planning and cooperation, similar to "real-world" science. Parental involvement and occasional after-school practice will be expected. Wake County elementary SO tournaments are usually held in April.

### **Cradles of Civilization STEAM**

**Social Studies** - Students will spend 8 weeks discovering the history and culture behind 4 of the major civilizations that have been influential in shaping our world today. Students will study, cook, create crafts, role play, read and write literature while taking an in-depth look at Greece, China, Egypt, and Rome.

### **Architecture-**

**Math** - Students will learn how to relate many subject areas to the environment of home, school, and neighborhood through the study of architecture. They will learn the significance of the built environment and its impact on society. This course is designed for high-achieving

students who have a fascination with buildings and bridges. Critical thinking skills are emphasized and students will be given opportunities to make decisions on how we might enrich and protect our architectural environment.

### **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.

### **Beginning Spanish-**

**Foreign Language** - This year-long course provides a speaking proficiency approach to learning Spanish. Students will learn to communicate in Spanish on a level appropriate for their age and interests. Songs, games, and dances will be included as learning activities.

Q2

### **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.

### **Jump For Fun**

**Physical Education** - This course is designed for those interested in jumping rope. Students will develop their rhythm, coordination, balance and timing as they learn individual, partner and long rope (double-dutch) skills. Students will then use those skills and work together in small groups to build and create routines for presentation. This class will include activities for beginner and advanced jumpers.

### **Public Speaking and Debate-**

**Language Arts** - In the first part of this course students will explore the production and reception of oral communication in three major types of public speaking: informative, persuasive, and entertaining. Emphasis will be on writing, delivering, and critiquing informal and formal speeches. The second portion of the course will be devoted to teaching students the elements of formal debate. Students will then use acquired skills to debate issues in class.

### **Pathway to the Orchestra II-**

**Music** - Learn to play the violin, viola, or cello in this course. This is the Advanced level. Students will need at least two years of experience to participate in this course, and practicing at home will be highly recommended.

### **Band II (Advanced)-**

**Music** - This course will include instruction on woodwind, brass, and percussion instruments begun in PATHWAY TO THE BAND I. Emphasis will be on individual and group instruction. Solo and ensemble performances will be a vital part of this course.

### **Creative Dance- Hip Hop-**

**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.

### **Zoology-**

**Science** - Zoology deals with animal life, growth, classification, and behavior. Wildlife conservation and careers in working with animals will be studied.

### **Archeology-**

**Science** - Archaeology is the study of past cultures and a popular subject with elementary students. This elective is designed for gifted students or high-achieving learners because of its complexity of content, its interplay between science and humanities, and its abstract ideas which require critical thinking and creativity. Critical thinking skills are emphasized as students engage in experiential learning, scientific inquiry, productive thinking, experimentation, and the simulation of an archaeological dig. Students are introduced to the skills needed for an independent research project and are given a choice of topic, in keeping with each student's particular interests and learning styles. Children will learn to appreciate the science of archaeology and realize that we all are "stewards of the past".

### **Science Olympiad-**

**Science** - Science Olympiad is the preeminent national student science competition. The year-long course provides an opportunity for students to expand their knowledge in science and technology related areas. Students investigate scientific disciplines through a variety of contests at the culminating spring tournament, after preparing throughout the year by doing hands-on and inquiry-based activities. Olympiad events involve teamwork, group planning and cooperation, similar to "real-world" science. Parental involvement and occasional after-school practice will be expected. Wake County elementary SO tournaments are usually held in April.

## **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.

## **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!