1,2,3,4 Tap, Tap Tap

Did you know that anyone can tap dance? If you like to make noise and can count to four, you can learn too! In this elective, students will learn how to recognize and demonstrate basic tap dancing technique. At the same time, this course will reinforce primary math skills such as patterning, spatial and number sense.

Across the Oceans

Do you know where China is? What about Spain? Want to learn how to speak other languages? Love to cook and try new foods from around the world? This elective will take you on a journey using atlases, computers, cooking and literature to teach you about some of the places in our world.

Aeronautics - AIG

The characteristics and composition of the layers of the atmosphere will be studied. Students will demonstrate, through experiments, Newton’s Law of Motion and the Bernoulli Principles. The study of air pressure and how balloons, jets, rockets, and propeller planes fly will be emphasized. Manned and unmanned flights from the Montgolfier Brothers’ balloons to the present-day space shuttle will be explored. Students will have the opportunity to launch flights of their own.

African Americans in US History

Who navigated one of Columbus’ ships? Who built one of the first clocks in America? Who invented the first traffic light? Find out in this in-depth study of contributions made by African Americans.

African Safari

Information about African animals and their habitats will be explored. Students will be made aware of man’s responsibility to save the animals.

All Together

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

Animation-ish

In this elective students will learn how to use the Animation-ish program! Animation-ish is an easy-to-use animation software program that inspires creativity and enables children to "show what they know.” Animation-ish includes three different levels; Wiggledoodle-ish, Flipbook-ish and Advanced-ish. These three levels provide students with different tools to design their very own animations. Wiggledoodle-ish provides a simple set of tools to draw, trace, and animate with just three frames. You can also import and trace any
graphic. Flipbook-ish includes an infinite number of frames so you can create longer animations. Advanced-ish introduces the mover tool, which allows for more complex animations using foregrounds, backgrounds, and movement across the screen. Students will have the opportunity to explore all three levels and be transformed into an expert animator!

**Architecture (AIG)**

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.

**Around the World in 30 Days**

Geography and map skills will be practiced as we travel the globe. Research skills will be used to learn about the countries of the world. Booklets or computer databases will be used to compile basic facts about the countries studied.

**Astounding Artists**

Through a study of astounding artists' lives and works, students will create their own "masterpieces" using a variety of art media and methods. Observing works of art by Vincent Van Gogh, Henri Matisse, Georgia O'Keefe, and Georges Seurat will enable students to see and understand each artist's unique style.

**Author! Author!**

Within every child there are stories of value. In this course students will become young authors as they delight in writing, illustrating, and making their own books. Stories will be shared with other students.

**Authors in the Making, Lego Narrative Builder**

LEGOS are EVERYTHING AWESOME! Explore the enormous collection of LEGO’s 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.

**Awesome Artistic Authors**

Students will have the opportunity to make, illustrate, and write their own books. The books will highlight art skills 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, instruction will enable students to create a variety of exciting publications of their own.

**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.

**Blooming Botany!**

In this course students will dig in the dirt, play with plants, sample seeds, look at leaves and explore ecosystems. Join us as we learn all about plants and how they interact with their surrounding environment.
Blossoming With Books
Do you love to read? This elective will expose students to a variety of authors, genres, and writing styles. When students are engaged in a meaningful book study, they realize that an author’s words are interesting and powerful. In turn, they will recognize they too have the power to make their own words exciting and meaningful. Are you ready to blossom with books?

Calligraphy
In this beginning course students will explore four styles of writing italic manuscript. While developing these skills, students will expand their knowledge of other subject areas.

Chorus
Students will learn to sing with comfort, accuracy, and a good tone. They will develop blend and ensemble skills and the ability to sing two-part harmony. Music studied will include a variety of styles and periods. Performance will be an expected part of this course.

Clay Sculpture
Using a variety of techniques, students will learn the clay process and discover the possibilities of the uses of natural clay.

Creative Dramatics
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.

Creative Problem Solving (AIG)
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.

Creative Stitchery/Weaving
Students will learn many different stitches for designing with yarn and burlap. Basic weaving techniques will be explored.

Cultural Kaleidoscope
Cultural Kaleidoscope recognizes that cultures are dynamic and fluid. This study of cultures helps students to recognize that people share more commonalities than differences. In this social studies elective, students develop the knowledge needed to make informed decisions as citizens of a culturally diverse world. Students use various opportunities that integrate technology, language arts, and visual arts across several disciplines. Students gain knowledge of multiple cultural perspectives and identify examples of cultural diversity in the school and community. This course will provide opportunities for students to mentally formulate ideas and abstractions, utilize their artistic creativity, and integrate different core subjects.

Cup Stacking
This course will introduce students to the mathematics behind Cup Stacking. Mathematical concepts such as: geometry, measurement, problem solving, and number sense will be incorporated with hands-on experiences. Most concepts will then be explored using creative problem solving, and will have both written and movement components.
Dance Ensemble

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.

Dancing Through the Decades

This course in dance will provide each student with the opportunity to explore a wide variety of dance forms from several decades.

Dimensions: Build It (AIG)

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.

Drawing and Painting

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.

Exploring Modern

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.

Fairy Tales and Fables

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.

Geometry Journeys

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.

Gymnastics

Learn all about the different events of gymnastics. Students will learn the basic skills used in 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.

I've Got Character

This course will allow students opportunities to explore, in depth, through literature, the eight character traits: Responsibility, Respect, Courage, Kindness, Self-discipline, Integrity, Perseverance, and Good Judgment, and learn ways to apply them to their everyday living. The students will engage in activities that develop communication skills such as listening, reading, speaking, observing, illustration, writing, and brainstorming while
developing their awareness of the eight character traits. The elective will culminate in the creation, development, and production of a Character Trait Newsletter to be distributed throughout the school.

Intro to Engineering

Students will be introduced to 12 different types of engineering. They will be presented with scenarios that require them to become each type of engineer and solve a problem with their team. They will make predictions, test materials, investigate solutions, and make presentations with their team using the data and observations they complete. 21st Century Skills will be utilized as they explore each type of engineering field and develop deeper understanding of what it means to be an engineer.

Introduction to the Stage

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.

Keyboard by Sight and Sound

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.

Kitchen Chemistry

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.

Let's Celebrate

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.

Let's Experiment with STEM

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!

Let's Move I
In this course students will be given the opportunity to explore the basic elements of movement: time, space, energy, and shape. The focus will be on developing the natural creative skills of each individual, and heightening kinesthetic and spatial awareness.

Lifetime Sports

This course is designed for the student who is interested in investigating and developing skills in a variety of lifetime sport activities. Students will learn the basic skills, rules and regulations, game play and strategies associated with sports that can be played at any age. Individual and dual sports to be covered in this course may include sports such as tennis, badminton, bowling, golf, and horseshoes.

Making Rainbows

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.

Mammals of the Sea

This course will familiarize students with seals, sea lions, manatees, dolphins, sea otters, and of course, whales. Students will study the fascinating habits and habitats of these interesting creatures.

Media Masters: The Truth About Advertising (AIG)

Can you believe everything you see in those commercials? We live in a sea of advertising. It’s everywhere we look. Students in this elective will have a chance to learn about persuasive techniques and judge the validity of products and services in an effort to become independent, well-informed consumers.

Meet and Make Musical Instruments

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. Percussion instruments will be played. Students will learn to read and perform percussion scores.

Mime

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.

My Green Thumb

This course will provide opportunities for students to experiment with growing flowers, herbs, and vegetables. Terraria will be constructed, and final projects will be exhibited.

Odyssey of the Mind - AIG

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.

Orff-Estra

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.

Physics in Action (AIG)

The study of physics helps us understand the world around us. Physicists seek answers to questions about everything in the world around them. How long will the sun continue to heat our earth? How can we make a tennis ball bounce longer? How can we make a better mobile phone? Digging in to explore ideas about motion, heat, electricity, light, waves and sound is the work of a physicist. Learning about the history of physics and some of the great contributors to the field may inspire students to conduct their own investigations or to seek opportunities to learn more about physics in the future. In this course, students will have opportunities for inquiry, experimentation and design.

Piggy Bank

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.

Pottery

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.

Printmaking

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.

Protectors of the Earth (AIG)

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.

Racquet Sports

Learn about multiple sports that involve a racquet or a paddle such as badminton, tennis, ping pong and pickleball. Students will research these sports and practice their skills through lead up drills and games to prepare them for the specific sports. Students will work with small groups to learn how to keep score and referee the games.

Rainforest

Do you know the difference between a jungle and a rainforest? Can you name more than one type of rainforest? In this course learners will be studying about the different types of rainforests and where they are located. They will research a variety of animals that call the rain forest home and determine which layer of the rainforest they live in. By the end of the course, learners should have an appreciation of the many products that originate in the rainforest and the importance of protecting its existence.
Reader’s Theater

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.

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.

Rhyme Time

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, phonemic explorations, creative expression through Illustrations and writing, art activities, and dramatic role-play based on the rhyme presented. At the completion of the elective, the students will have a personal collection of rhymes and present their favorite rhymes in a Reader’s Theater.

Robotics

In this elective students will program and control actual robots of different kinds. They will begin by following step-by-step instructions in order to program a simple robotic model. Eventually, the students will be program its functions and “bring it to life”.

Scholastic Pursuit

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.

School News Today

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.

Science of Movement

Did you ever think about what your bones and muscles are doing when you dance or play sports? In this elective we will be movement scientists! We will explore how the ways our muscles, bones, and joints make our bodies move in different ways. We will learn how to keep the body safe when dancing, exercising, and playing sports. This is a great elective to learn about science through movement!
Sculpture

Students will explore art's three dimensional form using paper, found objects, boxes, clay, and other media.

Speaking Out

SPEAKING OUT introduces the skills and techniques necessary for speaking effectively to others. Practical everyday speaking skills such as requesting information, handling emergencies, making introductions, and taking messages will be addressed. Students will practice organizing, writing, and delivering speeches as classroom speaking and listening skills are developed.

Sports Arena

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.

Story Time for Young Listeners

Listening is essential and basic to all musical experiences. Through a variety of integrated arts activities, students will hear and study famous classical compositions, their stories/origins, and their composers.

Stress Management

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.

Tap, Introduction

This course is designed to give an introduction to the technique of tap dancing. The focus will be on rhythmic perception, balance, and coordination. A brief history of tap dance will also be introduced.

Team Sports

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.

Track

This course is designed for the student who is interested in investigating and developing skills in a variety of lifetime This course is designed for the students who is interested in improving overall body strength and endurance through a variety of activities including: 100m, 200m, 400, 800m, 4x100m, and field events, such as softball throw and running long jump. The student will improve his/her physical condition while having fun. Students will focus on teamwork and specific events. The Fuller Track Team will compete in a Track Meet.

Weather Watching

Have you always wanted to know how meteorologists predict the weather? In this elective you will learn what makes up our daily and seasonal weather. You will also observe and learn how to measure different types of
weather. Through engaging hands-on science and math experiments you will become an amateur meteorologist!

We Do Robotics

In this elective, students will program and control animal 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.

You Gotta Have Art

This basic art survey course will include drawing, painting, cutting and pasting, modeling, and constructing.

Zoology (AIG)

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