



General Studies Curriculum – Kindergarten

2024–2025

Math:

- Know number names and the count sequence
- Count to tell the number of objects
- Compare numbers
- Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from
- Work with numbers 11–19 to gain foundations for place value
- Describe and compare measurable attributes
- Classify objects and count the number of objects in categories
- Identify and describe shapes
- Analyze, compare, create, and compose shapes.
- Measurements

Reading:

- Reviews letters and sounds
- Consonant, vowels/short vowels, blends
- Sight words/ CVC and Blend words
- Identify upper and lower case Letters and their sounds
- Demonstrate understanding of syllables, and phonemes
- Phonics and decoding
- Ask and answer questions about a text
- Retelling a story
- Elements of a story
- Reading Comprehension
- Reading and comprehending a variety of text fiction and nonfiction

Writing:

- Handwriting upper and lower case letters in print
- Telling details and information about pictures and images
- Use a combination of drawings, dictating and writing to compose narratives, informative, opinion, and research pieces

Speaking and Listening:

- Participate in conversation about texts and topics under discussion
- Orally answer and ask questions about topics and text
- Ask questions to seek help
- Orally describe familiar people, places, things, events, and details
- Speak thoughts and feelings clearly



Language Mechanics:

- Phonics
- Rhyming, Syllables, First, Middle and Ending sounds in words
- Determine meaning of unknown words or phrases
- Follow standard grammar rules when speaking and writing
- Demonstrate command of conventions, and capitalization
- Explore word relationships and nuances in word meanings

Social Studies:

- All about me
- Citizenship/rules
- My Family
- Community helpers
- My Community
- Modes of Transportation
- Maps and geography

Science:

- Plants
- Bees and Honey
- The scientific Process
- Energy and Light
- Animals and their habitats
- Weather and weather systems
- STEAM focused engineering design
- Map and globe skills
- Water Cycle

Social Emotional:

- Life Skills Curriculum
- Growth Mindset activities
- Nurtured Heart Approach

Highlights:

- Writing Fair
- Geography Fair
- Biography Wax Museum
- Field Trips

Assessments / Report Cards:

- Ongoing Reading assessments
- Report cards will be available twice yearly, in January and June
- Beginning, middle and end of the of the year assessments for reading and math
- Unit assessments and assignments for all academic areas will be updated in FACTS and viewable.



General Studies Curriculum – 1st Grade

2024–2025

Math:

- Solve problems using addition and subtraction
- Compare Numbers
- Three Dimensional Geometry
- Two Dimensional Geometry
- Understand and apply properties between addition and subtraction
- Add and subtract within 20
- Work with addition and subtraction equations
- Extend the counting sequence
- Understand place value
- Use place value understanding to add and subtract
- Measure lengths indirectly and directly with length units

Reading:

- Read with sufficient accuracy to support grade level comprehension
- Sight Words
- Fluency and Accuracy
- Demonstrate understanding of syllables, and phonemes
- Phonics and decoding
- Initial, middle, and end sounds
- Ask and answer questions about a text
- Elements of text
- Connection of two events in a text
- Reading Comprehension

Writing:

- Writing pieces – Opinion, informative/explanatory and narrative.
- Collaborative research project
- Use digital tools to produce writing
- Use main idea and key details to enhance writing
- Creative Writing
- Handwriting

Speaking and Listening:

- Participate in collaborative conversation
- Ask and answer questions about grade level text
- Verbally produce complete sentences when relevant to task
- Ask and answer questions to clarify understanding



Language Mechanics:

- Demonstrate command of conventions
- Determine unknown words by using context and grade level strategies
- Follow standard grammar rules when speaking and writing

Social Studies:

- About me / Beginning of school
- Good Citizenship
- My Community
- Rules and Laws
- Families
- Economics
- Geography
- Globe and map skills

Science:

- The Scientific Process
- Properties of light and light energy
- Amphibians and their habitats
- The sun, moon, earth, and their interactions
- STEAM focused activities in Engineering Designs
- Bees and Honey
- Plant life cycles
- Weather/ Seasons
- Living vs./ non-living

Social Emotional:

- Life Skills Curriculum
- Growth Mindset activities
- Nurtured Heart Approach- Giving our students a clear idea of expectations and tools to look out for the positive and good that is going on around them.

Highlights:

- Field Trips
- Writing Fair
- Geography Fair

Assessments / Report Cards:

- Report cards will be available twice yearly, in January and June
- Beginning, middle and end of the of the year assessments for reading and math
- Writing, social studies, and science assessments will be throughout the year
- Unit assessments for all academic areas will be updated in FACTS
- Progress Reports will be sent twice a year
- Daily reading review and assessment



General Studies Curriculum – 2nd Grade

2024–2025

Math:

- Represent and solve problems involving addition and subtraction
- Add and subtract within 20
- Deeply understand place value
- Use place value understanding to complete operations such as addition and subtraction
- Measure and estimate lengths in standards units
- Work with time and money
- Work with equal groups of objects to gain foundations for multiplication
- Represent and interpret data
- Learn shapes and their attributes
- Three dimensional shapes
- Geometric Measurements
- Fractions

Reading:

- Know and apply grade level phonics and analysis skills in decoding words
- Decoding, distinguishing sounds and physical letters
- Read with sufficient accuracy and fluency to support grade level comprehension
- Text features
- Ask and answer questions as who, what, where, when, why using details
- Identify main topic of a multiparagraph text
- Describe connection between historical events and scientific ideas or concepts
- Read fluently informational text for understanding

Writing:

- Expand skills in informative, persuasive and narrative writing, including an awareness of a claim, paragraph structure, and supporting evidence.
- Use a variety of digital tools to produce writing
- Participate in shared research project
- Use sources to examine information about a topic
- Practice Handwriting
- Creative Writing

Speaking and Listening:

- Participate in collaboration with grade level material
- Ask and answer questions to clarify or learn new information
- Tell and story and retell a story with descriptive details and appropriate facts
- Create an audio recording of stories or poems and a visual display to pair with it
- Verbally produce complete sentences about a task or to ask and answer questions



Language Mechanics:

- Demonstrate command of standard English grammar and usage when writing or speaking.
- Show evidence of correct English conventions, including punctuation, capitalization, and spelling
- Consult beginning dictionaries to check spelling

Social Studies:

- History- Compare/contrast, study people who have shaped the local community
- Civics- Rights, responsibilities, characteristics of good citizens
- Geography- mapping skills, simple maps, maps of familiar places
- Economics- saving vs. spending, goods and services
- Types of communities - Suburban, Urban, and Rural
- Our State

Science:

- The Scientific Process
- Properties of matter and simple chemistry
- Biomes, biomass, and forensic animal analysis of owls
- Weathering and geology; the effects of erosion
- STEAM-focused activities in Engineering Design
- Water Cycle

Social Emotional:

- Life Skills Curriculum
- Gross Mindset activities
- Nurtured Heart Approach- Giving our students a clear idea of expectations and tools to look out for the positive and good that is going on around them.

Highlights:

- Writing and Reading Fair
- Field Trips
- Science Fair
- Geography Fair

Assessments / Report Cards:

- Report cards and Progress Reports will be available twice yearly
- Beginning, middle and end of the of the year assessments for reading and math
- Unit assessments for all academic areas will be updated in FACTS



General Studies Curriculum – 3rd Grade

2024–2025

Math:

- Represent and solve problems involving multiplication and division
- Understand properties of multiplication and the relationship between multiplication and division
- Multiply and divide within 100
- Solve problems involving the four operations, and identify and explain patterns in arithmetic
- Develop understanding of fractions as numbers
- Solve problems involving measurement and estimation of intervals of time, liquid volumes, and masses of object
- Geometric measurement: understand concepts of area and relate area to multiplication and to addition

Reading:

- Know and apply grade level phonics
- Read with fluency at grade level
- Understand main idea, key details
- Determine unknown words
- Compare and contrast texts and themes
- Describe the author's purpose
- Describe character traits, explain their actions and sequence of events
- Novel and Short stories

Writing:

- Create writing pieces using the following formats, informative, creative, narrative, research, persuasive
- Use a variety of digital tools to produce writing
- Participate in shared research project
- Use sources to examine information about a topic

Speaking and Listening:

- Engage in one on one and group conversations about grade level topics
- Come to discussions prepared with required materials
- Determine main idea and details of text and present orally and visually
- Report on a topic
- Speak in complete sentences and request clarification and details about grade level topics

Language Mechanics:

- Demonstrate command of standard English grammar and usage when writing or speaking.
- Show evidence of correct English conventions, including punctuation, capitalization, and spelling
- Consult beginning dictionaries to check spelling and use root words to aid in understanding



Social Studies:

- Geography–Mapping skills, shaping landscapes
- Economics– Productivity, the role of money, income earning, trade and economic interdependence
- Native American Studies
- History– Past and present Native Americans, explorers, families communities of the past
- Washington State History

Science:

- The Scientific Process
- Forces, motion, and magnetic interaction
- Understanding how animals survive in their environment
- Worldwide weather, climate, and extreme weather
- STEAM–focused activities in Engineering Design
- Ecosystems

Social Emotional:

- Life Skills Curriculum
- Growth Mindset activities
- Nurtured Heart Approach– Giving our students a clear idea of expectations and tools to look out for the positive and good that is going on around them.

Highlights:

- Writing/Reading Fair
- Geography Fair
- Science Fair
- Field Trips

Assessments / Report Cards:

- Report cards will be available twice yearly
- Beginning, middle and end of the of the year assessments for reading and math
- Writing, social studies, and science assessments will be throughout the year
- Unit assessments for all academic areas will be updated in FACTS



General Studies Curriculum – 4th Grade

2024–2025

Math:

- Use the four operations with whole numbers to solve problems
- Generalize place value understanding for multi-digit whole numbers
- Use place value understanding and properties of operations to perform multi-digit arithmetic
- Extend understanding of fraction equivalence and ordering
- Build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers
- Understand decimal notation for fractions, and compare decimal fractions.

Reading:

- Read with fluency at grade level
- Understand main idea, key details
- Determine unknown words
- Compare and contrast texts and themes
- Describe in depth theme, author's purpose, character's thoughts, and setting,
- Know and apply grade level phonics
- Interpret information presented visually, orally or quantitatively
- Novel and Short Story
- Poetry

Writing:

- Create writing pieces using the following formats, informative, narrative, research, persuasive
- Use a variety of digital tools to produce writing
- Participate in shared research project
- Use sources to examine information about a topic

Speaking and Listening:

- Engage in one on one and group conversations about grade level topics
- Come to discussions prepared with required materials
- Determine main idea and details of text and present orally and visually
- Report on a topic including facts and details using a main idea and theme
- Speak in complete sentences and request clarification and details about grade level topic

Language Mechanics:

- Show evidence of correct English conventions, including punctuation, capitalization, and spelling
- Use dictionaries, glossaries, thesauruses
- Use root words to aid in understanding
- Demonstrate command of standard English grammar and usage
<https://docs.google.com/presentation/d/1xhjvto5ATlxLpQu0O9zEWCxBYFi8-eabZwL-QeBQx6o/edit?usp=sharing> when writing or speaking.
- Handwriting script
- Parts of speech



Social Studies:

- Civics- Roles and responsibilities of political leaders at national, state and local levels, origins of rules and laws, U.S. relationship with other nations
- Civics- Branches of government, civic responsibility
- Geography- Cultures around the world, patterns of human settlements, mapping skills
- History- American democracy, discoveries and inventions by scientists and inventors, historic figures, constitution, bill of rights
- Economics- Resources to produce goods and services, profits, marketing, scarcity and decision making, entrepreneurs past and present
- US History -Pre Colonization to Independence

Science:

- The Scientific Process
- Transfer for energy using magnetic energy
- Animal structures; observation and understanding through photography
- The properties of matter; testing and classifying mineral samples
- STEAM-focused activities in Engineering Design
- Changes of Matter

Social Emotional:

- Life Skills Curriculum
- Growth Mindset activities
- Nurtured Heart Approach- Giving our students a clear idea of expectations and tools to look out for the positive and good that is going on around them.

Highlights:

- Geography Fair
- Reading/Writing Fair
- Science Fair
- Field Trips

Assessments / Report Cards:

- Report cards will be available twice yearly
- Beginning, middle and end of the of the year assessments for reading and math
- Unit assessments for all academic areas will be updated in FACTS



General Studies Curriculum – 5th Grade

2024–2025

Math:

- Understand the place value system
- Perform operations with multi-digit whole numbers and with decimals to hundredths
- Geometric measurement: understand concepts of volume and relate volume to multiplication and to addition
- Use equivalent fractions as a strategy to add and subtract fractions
- Convert like measurement units within a given measurement system.
- Represent and interpret data
- Apply and extend previous understandings of multiplication and division to multiply and divide fractions
- Multiply and divide decimals
- Multiply and divide fractions
- Problem solving

Reading:

- Read and comprehend 5th grade level fictional and nonfiction texts, stories, dramas, and poems
- Read with fluency and accuracy to support comprehension of 5th grade texts
- Describe elements of a plot and make predictions
- Understand and analyze how and why events and ideas develop in text
- Compare and contrast different authors approach
- Cite text evidence to support inferences
- Determine the meaning of words and phrases as they are used in text
- Determine meaning of academic and domain specific vocabulary in text
- Explain how author develops point of view
- Draw on information from multiple sources to problem solve
- Novel Study
- Short story comprehension
- Poetry

Writing:

- Create writing pieces using the following formats, informative, narrative, research, persuasive
- Use a variety of digital tools to produce writing
- Participate in shared research project
- Use 5th grade level sources to examine information about a topic



Speaking and Listening:

- Summarize each point the author makes and support with text evidence
- Recount and describe elements of the text
- Engage in one on one and group conversations about grade level topics
- Come to discussions prepared with required materials
- Determine main idea and details of text and present orally and visually
- Report on a topic including facts and details using a main idea and theme
- Speak in complete sentences and request clarification and details about grade level topic

Language Mechanics:

- Conventions of standard English, knowledge of language, and vocabulary acquisition and use are standards that will be mastered in 6th grade.
- Demonstrate command of the conventions of English grammar
- Conventions of standard English capitalization punctuation and spelling
- Proper use of language and its conventions when speaking, reading, listening or writing.
- Demonstrate understanding of figurative language, word relationships and nuances in word meanings
- Use proper grade-appropriate academic and domain-specific words and phrases

Social Studies:

- Foundations of government
- The constitution
- Growing nation of America
- The Executive branch
- The Judicial branch
- State and local governments
- Politics and public policy
- Citizenship and participation
- Government and the market
- International affairs

Science:

- Use the engineering design process to propose, research, evaluate, created, and present a design to solve a specific problem with an emphasis on iterative improvement.
- Use of the Scientific Method and its relationship to the engineering design process with a focus on understanding date, determining support for a hypothesis, repeated experimentation and problem solving
- Initial studies of work and force based the six simple machines
- Initial understanding of electricity via study of electrical flows to power and conductivity of various materials
- Experiments with density and ballast to understand the concepts of mass, volume, and density and how they relate to matter, especially solids.
- STEM Projects



Social Emotional:

- Life Skills Curriculum
- Growth Mindset activities
- Nurtured Heart Approach- Giving our students a clear idea of expectations and tools to look out for the positive and good that is going on around them.

Highlights:

- Geography Fair
- Reading/Writing Fair
- Science Fair
- Field Trips

Assessments / Report Cards:

- Report cards will be available twice yearly
- Beginning, middle and end of the of the year assessments for reading and math
- Unit assessments for all academic areas will be updated in FACTS



General Studies Curriculum – 6th Grade

2024–2025

Math:

- Understand ratio concepts and use ratio reasoning to solve problems
- Apply and extend previous understandings of multiplication and division to divide fractions by fractions
- Apply and extend previous understandings of numbers to the system of rational numbers
- Apply and extend previous understandings of arithmetic to algebraic expressions
- Reason about and solve one-variable equations and inequalities
- Represent and analyze quantitative relationships between dependent and independent variables
- Compute fluently with multi-digit numbers and find common factors and multiples

Reading:

- Read and comprehend 6th grade level fictional and nonfiction texts, stories, dramas, and poems
- Describe elements of a plot and make predictions
- Understand and analyze how and why events and ideas develop in text
- Compare and contrast different authors approach
- Cite text evidence to support inferences
- Determine the meaning of words and phrases are they are used in text
- Explain how author develops point of view
- Novel and short stories
- Poetry

Writing:

- Gather relevant information from sources to support writing topics with text evidence
- Create writing pieces using the following formats, informative, narrative, research, persuasive and creative
- Use a variety of digital tools to produce writing
- Participate in shared research project
- Use sources to examine information about a topic

Speaking and Listening:

- Comprehension, collaboration, and presenting knowledge and ideas are all skills mastered in 6th grade.
- Delineate a speaker's argument and specific claims
- Demonstrate understanding of multiple perspectives



Language Mechanics:

- Conventions of standard English, knowledge of language, and vocabulary acquisition and use are standards that will be mastered in 6th grade.
- Demonstrate command of the conventions of English grammar
- Conventions of standard English capitalization punctuation and spelling
- Proper use of language and its conventions when speaking, reading, listening or writing.
- Demonstrate understanding of figurative language, word relationships and nuances in word meanings
- Use proper grade-appropriate academic and domain-specific words and phrases

Social Studies:

- Foundations of government
- The constitution
- Growing nation of America
- The Executive branch
- The Judicial branch
- State and local governments
- Politics and public policy
- Citizenship and participation
- Government and the market
- International affairs

Science:

- Use the engineering design process to propose, research, evaluate, created, and present a design to solve a specific problem with an emphasis on iterative improvement.
- Use of the Scientific Method and its relationship to the engineering design process with a focus on understanding date, determining support for a hypothesis, repeated experimentation and problem solving
- Force that impact the earth: gravity; relativity, and earthquakes and the relationship between outside forces and planet earth
- Properties of Matter via the study of water with focuses on density, salinity, and melting point
- Electricity with a focus on simple circuitry and conductivity.
- STEM Projects

Science for girls grade 6-8 girls is curriculum from Anatomy and Physiology

- Food, nutrition and digestion
- The respiratory system and waste management
- The circulatory, lymphatic, and immune system
- Skin, bones, and muscle
- The nervous and endocrine systems



Social Emotional:

- Life Skills Curriculum
- Growth Mindset activities
- Nurtured Heart Approach- Giving our students a clear idea of expectations and tools to look out for the positive and good that is going on around them.

Highlights:

- STEM Projects
- Robotics
- Writing and Reading Fair
- Geography Fair
- Career Day
- Field Trips

Assessments / Report Cards:

- Report cards will be available twice yearly
- Beginning, middle and end of the of the year assessments for reading and math
- Writing, social studies, and science assessments will be throughout the year
- Unit assessments for all academic areas will be updated in FACTS



General Studies Curriculum – 7th Grade

2024–2025

Math:

- Analyze proportional relationships and use them to solve real- world and mathematical problems
- Use properties of operations to generate equivalent expressions.
- Solve real-life and mathematical problems using numerical and algebraic expressions and equations.
- Apply and extend previous understandings of operations with fractions to add, subtract, multiply, and divide rational numbers

Reading:

- Students will read and comprehend fictional and nonfictional text, novels, stories, dramas, and poems at the 7th grade level.
- Using text evidence to analyze many different elements of a text
- Determining meaning of words and phrases including figurative and connotative meanings
- Comparing and contrasting structure of two or more texts and analyzing differences and similarities
- Using point of view of characters, audience, and author to create deep understanding
- Delineate and evaluate arguments and specific claims in texts

Writing:

- Creative, persuasive, informative/explanatory, narrative, and research essays will be crafted through the complete writing process.
- Introduce a topic clearly and organize ideas into an essay format
- Clear and engaging writing written for a variety of audiences will be practiced
- The use of text evidence to support thinking and problem solving
- Using descriptive details to engage reader

Speaking and Listening:

- Comprehension, collaboration, and presenting knowledge and ideas are all skills that should be on the verge of mastery in 7th grade.
- Engage effectively in discussions and collaborate
- Analyze information presented
- Delineate speakers argument and specific claims
- Adapt speech to a variety of contexts and tasks

Language Mechanics:

- Conventions of standard English, knowledge of language, and vocabulary acquisition and use are standards that will be mastered in 7th grade.
- Demonstrate command of the conventions of English grammar
- Conventions of standard English capitalization punctuation and spelling
- Proper use of language and its conventions when speaking, reading, listening or writing.
- Demonstrate understanding of figurative language, word relationships and nuances in word meanings
- Use proper grade-appropriate academic and domain-specific words and phrases



Social Studies:

- Foundations of government
- The constitution
- Beginning Years of America
- What was going on in the world during the 17 and 1800's in Jewish History
- The Executive branch
- The Judicial branch
- State and local governments
- Politics and public policy
- Citizenship and participation
- Government and the market
- International affairs

Science:

- Use the engineering design process to propose, research, evaluate, create, and present a design to solve a specific problem with an emphasis on iterative improvement. Supplemented by the evolution of technology and measurement devices with an emphasis of technology growth over time.
- Energy, Forces, and Motion – The different types of forces gravity, friction, applied, buoyant, etc will be discussed and explored. Students will learn to use free body diagrams to express forces placed on an object. Collisions and non contact forces will be explored
- Earth's Place in the Universe – The Earth-Sun-Moon model will be explored. How lunar patterns, eclipses, and seasons are explained using this model. Gravity between planets as well as scale of objects in the galaxy will be explored
- Principles of Aerodynamics – Students will discover what factors contribute to improved aerodynamics. Study will aerodynamics are applied to sports as well as planes, and cars
- The role of electricity and light with the study of lasers and electromagnetism.

Science for girls grade 6-8 girls is curriculum from Anatomy and Physiology

- Food, nutrition and digestion
- The respiratory system and waste management
- The circulatory, lymphatic, and immune system
- Skin, bones, and muscle
- The nervous and endocrine systems
- Botany
- Mountains and Oceans



Social Emotional:

- Life Skills Curriculum
- Growth Mindset activities
- Nurtured Heart Approach- Giving our students a clear idea of expectations and tools to look out for the positive and good that is going on around them.

Highlights:

- STEM Projects
- Robotics
- Career Day
- Geography Fair
- Writing/Reading Fair
- Field Trips

Assessments / Report Cards:

- Report cards will be available twice yearly
- Beginning, middle and end of the of the year assessments for reading and math
- Writing, social studies, and science assessments will be throughout the year
- Unit assessments for all academic areas will be updated in FACTS



General Studies Curriculum – 8th Grade 2024–2025

Math:

- MMSC uses two programs to teach Math. The Go Math curriculum which will cover the following topics:
- Radicals and integer exponents
- Understand connections between proportional relationships and linear equations
- Analyze and solve linear equations and pairs of simultaneous linear equations
- Define, evaluate and compare functions
- Use functions to model relationships between quantities
- Understand congruence and similarity
- Understand and apply the pythagorean Theorem
- Transformational Geometry
- Measurement Geometry
-
- We use IXL to enhance students skills and proficiency in Math. IXL turns rigorous math concepts into approachable, compelling content that builds students' confidence and math fluency.

Reading:

- Students will read and comprehend fictional and nonfictional text, novels, poetry, stories, dramas, and poems at the 8th grade level.
- Using text evidence to analyze many different elements of a text
- Determining meaning of words and phrases including figurative and connotative meanings
- Comparing and contrasting structure of two or more texts and analyzing differences and similarities
- Using point of view of characters, audience, and author to create deep understanding
- Delineate and evaluate arguments and specific claims in texts

Writing:

- Creative, persuasive, informative/explanatory, narrative, and research essays will be crafted through the complete writing process.
- Introduce a topic clearly and organize ideas into an essay format
- Clear and engaging writing written for a variety of audiences will be practiced
- The use of text evidence to support thinking and problem solving
- Using descriptive details to engage reader

Speaking and Listening:

- Comprehension, collaboration, and presenting knowledge and ideas are all skills mastered in 8th grade.
- Engage effectively in discussions and collaborate
- Analyze information presented
- Delineate speakers argument and specific claims
- Adapt speech to a variety of contexts and tasks



Language Mechanics:

- Conventions of standard English, knowledge of language, and vocabulary acquisition and use are standards that will be mastered in 8th grade.
- Demonstrate command of the conventions of English grammar at the 8th grade level.
- Conventions of standard English capitalization punctuation and spelling
- Using precise language and domain-specific vocabulary
- Proper use of language and its conventions when speaking, reading, listening or writing.
- Demonstrate understanding of figurative language, word relationships and nuances in word meanings
- Use proper grade-appropriate academic and domain-specific words and phrases

Social Studies:

- Based on the Social Studies Learning Standards, teachers use material from a variety of places.
- Continue with Foundational American History beginning with the last 19th-century and 20th century period of immigration following the boom of the Industrial Age.
- Compare important events in US history to those occurring concurrently in the world, such as the French Revolution, the Industrial growth in Europe, and the rise of the middle class in Europe as the result of the Industrial Boom.

Science:

- Use the STEM engineering design process to propose, research, evaluate, created, and present a design to solve a specific problem with an emphasis on iterative improvement. Supplemented by the evolution of technology and measurement devices with an emphasis of technology growth over time.
- Energy, Forces, and Motion – The different types of forces gravity, friction, applied, buoyant, ect will be discussed and explored. Students will learn to use free body diagrams to express forces placed on an object. Collisions and non contact m=forces will be explored
- Earth's Place in the Universe – The Earth-Sun-Moon model will be explored. How lunar patterns, eclipses, and seasons are explained using this model. Gravity between planets as well as scale of objects in the galaxy will be explored
- Principles of Aerodynamics – Students will discover what factors contribute to improved aerodynamics. Study will aerodynamics are applied to sports as well as planes, and cars
- The role of electricity and light with the study of lasers and electromagnetism.

Science for girls grade 6-8 girls is curriculum from Anatomy and Physiology

- Food, nutrition and digestion
- The respiratory system and waste management
- The circulatory, lymphatic, and immune system
- Skin, bones, and muscle
- The nervous and endocrine systems
- Botany
- Mountains and Oceans



Social Emotional:

- Life Skills Curriculum
- Growth Mindset activities
- Nurtured Heart Approach- Giving our students a clear idea of expectations and tools to look out for the positive and good that is going on around them.

Highlights:

- Robotics
- STEM Projects
- Geography Fair
- Writing/Reading Fair
- Career Day
- Field Trips

Assessments / Report Cards:

- Report cards will be available twice yearly
- Beginning, middle and end of the of the year assessments for reading and math
- Unit assessments and assignments for all academic areas will be updated in FACTS