

Social Studies

- Identify the major pre-Columbian civilizations in the New World
- Identify the 15th and 16th century European explorations around the world, especially in the western hemisphere and North America
- Identify the earliest settlements in North America
- Learn the development of the English colonies in the 17th and 18th centuries
- Explain the development of democratic ideas
- Explain the events that lead to the independence of the original thirteen colonies
- Describe the formation of a national government under the United States Constitution

History and Geography

- Interpret timelines
- Use maps and globes to locate absolute locations, hemispheres, and poles

Civics and Government

- Define and correctly use vocabulary related to government
- Offer examples of the responsibilities and powers associated with federal and state officials
- Explain the structure of local government

Economics

- Define and offer examples of colonial entrepreneurs
- Describe profit as an incentive for entrepreneurs
- Offer examples of changes in supply and demand, and the resultant effect on prices in colonial history
- Use interactive ebook and technology tools to enhance student interest and reinforce social studies content

English Language Arts

Language

- Demonstrate an understanding of the eight basic parts of speech and their components (noun, pronoun, verb, adverb, adjective, conjunction, interjection and preposition)
- Identify correct mechanics (apostrophes, quotation marks, comma uses, and paragraphs)
- Identify correct sentence structure
- Write compound and complex sentences
- Use knowledge of language and its conventions when writing, speaking, reading, or listening

Composition

- Write with a clear focus, coherent organization, and sufficient detail in which the development and organization are appropriate to task, purpose, and audience
- Develop a topic with relevant facts, definitions, concrete details, quotations, or other information and examples
- Write routinely over extended time frames with time for research, reflection, and revision
- Use appropriate transitions to create cohesion and clarify the relationships among ideas and concepts
- Write routinely over shorter time frames for a range of specific tasks, purposes, and audiences
- Use narrative techniques, such as dialogue, pacing, and description, to develop experiences, events, and characters
- Learn about and write: personal narrative, eyewitness account, descriptive essay, "how to" essay, research report, compare and-contrast essay, fable, mystery
- Establish and maintain a formal style
- Learn how to cite resources in order to write a Bibliography

Reading

Comprehension

- Assess how point of view or purpose shapes the content and style of a text
- Determine theme of story and analyze development
- Determine fact and opinion
- Cite specific textual evidence when writing or speaking to support conclusions drawn from text
- Summarize story and key supporting details
- Analyze how two or more texts address similar themes to build knowledge or compare approaches the authors take
- Main Idea and Supporting Detail
- Analyze how and why individuals, events, and ideas develop and interact over the course of a text
- Determine the meanings of words and phrases as they are used in a text including figurative language such as metaphors and proficiencies and similes
- Read and comprehend literature independently
- Describe how a speaker's point of view influences how events are described

Literary Skills

Study Skills

- Using Table of Contents
- Reading Maps
- Following Directions
- Reading Diagrams
- Using a Dictionary

Mathematics

STEM (Science, Technology, Engineering and Math)
Inquiry-based learning practices integrated throughout the curriculum to engage students in all areas of Math

Number and Operations

- Read, write, and compare decimals to thousandths
- Identify powers and exponents
- Solve whole number division with 2-digit divisor and 4-digit dividend
- Recognize the value of a number as 10 more or 1/10 of a number
- Add, subtract, multiply, and divide decimals to the hundredths
- Add and subtract fractions with unlike denominators by replacing fractions with equivalent fractions
- Multiply a fraction by another fraction or mixed number
- Interpret a fraction as division of the numerator by the denominator
- Solve word problems involving addition and subtraction of fractions
- Fluently multiply multi-digit whole numbers using the standard algorithm
- Interpret division of a whole number by a unit fraction and compute each quotient
- Use positive and negative integers for real-world situations

Algebraic Thinking

- Solve equations using order of operations
- Solve real-world multi-step problems
- Write, interpret, and evaluate numerical expressions
- Analyze patterns and relationships in numbers and arithmetic operations

Geometry

- Graph points on a coordinate plane
- Classify two-dimensional figures into categories based on their properties
- Interpret coordinate values of points
- Represent real-world and mathematical problems by graphing points in the first quadrant of the coordinate plane

Measurement and Data

- Convert like measurement units within a given measurement system
- Make a line plot to display a data set of measurements in fractions of a unit
- Recognize volume as an attribute of solid figures
- Understand concepts of volume measurement
- Measure volumes by counting unit cubes
- Relate volume to the operations of multiplication and addition
- Solve real-world and mathematical problems involving volume

Science

STEM (Science, Technology, Engineering and Math)
Inquiry-based learning practices integrated throughout the curriculum to engage students in all areas of Science

Nature Science

- Discuss what scientists do
- Learn scientific investigation
- Collect and interpret data and draw conclusions

Science, Engineering and Technology

- Discover the meaning of technology
- Understand how technology reflects living things
- Practice the design process

Life Science

- Classify animals and plants and explore their life cycles
- Identify plants' physical structures used in reproduction and photosynthesis
- Recognize how adaptations help plants and animals
- Identify different body systems and their organs – circulatory, respiratory, skeletal, nervous
- Describe interactions among organisms in an ecosystem emphasizing energy flow
- Evaluate how ecosystems change

Earth Science

- Categorize water sources and summarize the water cycle
- Understand the formation of clouds
- Define climate and weather
- Categorize rocks, minerals, and soil
- Compare erosion and deposition
- Investigate how Earth's surface changes
- Identify energy resources
- Understand the relationship of Earth's movement to days and seasons
- Recognize stars, comets, meteors, asteroids, moons, and planets

Physical Science

- Identify properties and phases of matter
- Explain how matter changes in regards to reactions and phase changes
- Compare mixtures and solutions
- Understand force
- Describe Newton's Laws
- Analyze machines
- Define energy – specifically light and sound energy

Spanish

- Identify and produce the sound system of the language
- Greet people and say good-bye
- Identify and use formal and familiar language
- Introduce self and others
- Spell names
- Identify and request personal origin
- Exchange telephone numbers
- Request and provide the day of the week
- Describe the weather
- Respond to classroom instructions
- Identify the countries and capitals of the Spanish speaking world
- Celebrate selected holidays

Art

- Learn about various artists and create their own artworks using watercolor paints, oil pastels, and colored pencils
- Explore how to use these materials to blend and layer color
- Learn how to use primary colors to create secondary and tertiary colors
- Practice drawing from observation, memory, and imagination
- Incorporate religion and learn how it plays a role in art
- They will continue to incorporate the elements and principles learned into their artworks as they advance to the next grade level.

Music

- Sing, alone and with others, a varied repertoire of music liturgical and non-liturgical
- Perform on instruments, alone and with others, a varied repertoire of music liturgical and non-liturgical
- Improvise melodies, variations, and accompaniments music liturgical and non-liturgical
- Compose and arrange music within specified guidelines for both liturgical and non-liturgical music
- Read and notate music
- Listen to, analyze, and describe music both liturgical and non-liturgical
- Evaluate music and music performances music both liturgical and non-liturgical
- Understand relationships between music, the other arts, and disciplines outside the arts, in the secular and non-secular world
- Understand music in relation to history and culture
- Understand music in the history of the Catholic Church and music's role in worship

Physical Education

- Demonstrate an understanding of movement concepts, strategies, and tactics as they apply to the learning and performance of physical activities
- Achieve and maintain a healthy enhancing level of physical fitness
- Exhibit responsible personal and social behavior that reflects self and others in physical activity settings
- Value physical activity for health, enjoyment, challenge, self-expression or social interaction
- Apply and demonstrate critical and creative thinking skills in dance
- Make connection between dance and other disciplines

Library

- Recognize and use proper library etiquette
- Understand and demonstrate proper care of books
- Listen attentively
- Follow directions
- Participate in story discussion
- Demonstrate and utilize knowledge of the Dewey Decimal System and Card Catalog
- In addition to library skills, time is spent reading seasonal, holiday and life lesson stories
- Working with teachers, specific books/stories are incorporated into the library curriculum

Technology

- Use Microsoft Word to create cartoons and brochures: textboxes, callouts, drawing tools
- Use Microsoft Word to create timelines: textboxes, drawing tools
- Identify menu bar items and icons and shortcuts in Microsoft Word
- Use Microsoft Excel software to create simple spreadsheets and graphs
- Expand technology vocabulary with each software bundle
- I-ditarod project – online collaborative project using Internet research, online interactive elevation map, video streaming, real-time data – Expand to digital storytelling using various software with iPads and desktop computers
- Continue Type to Learn lessons – increased typing skills
- Identify use of Microsoft Word features in creating research reports with proper formats
- Increased Internet research using websites such as Factmonster.com, Scholastic, Facts4Me, Discovery Streaming, etc.

Religion

Jesus Christ Shares His Life with Us

- Understand that Jesus is the Son of God
- Discuss the celebration of the Paschal Mystery in the Liturgy
- Recognize the Sacraments of Baptism, Confirmation, Eucharist, Penance, Reconciliation, Anointing of the Sick, Holy Orders, and Matrimony
- Discuss Baptism as the foundation of Christian life

Confirmation and Eucharist Complete Our Initiation

- Understand that Confirmation strengthens us to be more like Christ
- Explain the parts of the celebration of Confirmation
- Explain the Liturgy of the Eucharist

The Sacraments of Healing Restore Us

- Learn the ways the Church celebrates the Sacrament of Penance
- Recognize that the Sacrament of the Anointing of the Sick offers comfort and strength
- Appreciate Mary for her role in God's plan of salvation

We Love and Serve As Jesus Did

- Practice the virtues of faith, hope, and love
- Understand the Sacrament of Matrimony is celebrated as a life-long covenant
- Understand that in the Sacrament of Holy Orders, men are ordained as deacons, priests, and bishops
- Recognize the special marks of the Church: One, Holy, Catholic, and Apostolic
- Recognize the seasons of the Church's liturgical year – Advent, Christmas, Lent, Triduum, Easter, Ordinary Time
- Participate in prayer services, school liturgies, Reconciliation, Adoration, Crowning of Mary

STANISLAUS SCHOOL

Welcome to Grade 5



This brochure is to provide a brief overview of our Grade 5 curriculum.

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