

5th Grade Curriculum Overview

Sanborn has a comprehensive curriculum, which includes sequential instruction in language arts, mathematics, science, social studies, the arts, and physical education/health.

This section of the overview is intended to provide a broad summary of the instructional focus by trimester for Language Arts, Mathematics, Science and Social Studies.

Mathematics:

Trimester 1:

- Place Value
- Adding & subtracting decimals
- Multiply multi-digit numbers

Trimester 2:

- Understanding volume concepts
- Multiplying decimals
- Dividing whole numbers and decimals
- Geometric Measurement: classifying two dimensional figures

Trimester 3:

- Adding & subtracting fractions and mixed numbers
- Coordinate plane
- Multiplication of fractions
- Write and interpret numerical expressions
- Algebra: analyze patterns and relationships

English Language Arts:

Trimester 1:

- Read fictional texts
- Build reading fluency and stamina
- Identify fictional character traits
- Compare fictional characters
- Summarize a fictional text
- Compare elements of fictional texts

- Narrative: Small moment, paragraph structure
- Narrative: Story arc, heart of the story
- Narrative: Sensory details, transition words, flashback & flashforward

Trimester 2:

- Read nonfiction texts
- Identify nonfiction text structures & features
- Identify main ideas & supporting details
- Summarize informational texts
- Compare & contrast nonfiction texts
- Identify author's purpose
- Informational: Research, structure/function of text structures and features
- Informational: Thesis, supporting evidence

- Informational: Synthesize and prioritize information, quoting evidence from sources
- Public Speaking
- Informational: Synthesize and prioritize information, quoting evidence from sources, presenting information clearly
- Opinion
- Writing Fluency-Prompts

Trimester 3:

- Read fictional texts
- Read fantasy texts
- Identify character motives & response to challenges
- Identify point of view & perspective
- Compare point of view & perspectives
- Identify themes of fictional/fantasy texts
- Compare themes of fictional/fantasy texts
- Persuasive: Opinion/Persuasive language and structure
- Persuasive : Using evidence to support claims, persuasive appeals/techniques
- Persuasive: Debate structure & terms, presenting effective persuasive techniques
- End of the year reflection letter

Social Studies

Trimester 1

- Identify and label the 13 colonies on a map
- Assess and summarize the factors, causes and reasons that led to the Revolutionary War.
- Analyze how those sequence of events affected the lives of the colonists.

Trimester 2

- Identify the Revolutionary War Battles
- Summarize the outcome and overall impact of such battles
- Create a visual representation of one major battle to demonstrate your understanding of the Revolutionary War as a whole as well as the impact the final outcome had in the years to come.

Trimester 3

- Investigate how human needs, wants and perspectives influence the development and change in societies and cultures in relation to Westward Expansion.
- Compare and contrast reasons why people migrate and how features of a place influence decision making.
- Simulate the experience of Pioneers traveling on the Oregon Trail

Science

Trimester 1:

- Hydrosphere: Watery Planet
 - Describe and graph the amounts and percentages of water and freshwater to provide evidence about the distribution of water on Earth.
 - Identify the different stages of the Water Cycle
 - Generate and compare multiple solutions to reduce the impacts of natural earth processes on humans.
- Web of Life: Biosphere
 - Demonstrate that plants and animals get the materials they need to grow from air and water.
 - Describe the movement of matter among plants, animals, decomposers, and the environment.

Trimester 2:

- Web of Life: Biosphere
 - Predator-Prey relationships
 - Food Chains & Food Webs
 - Use models to describe that energy in animals' food was once energy from the sun
- Sphere Overview:
 - Develop a model or visual to describe/represent the interactions between the hydrosphere, geosphere, biosphere and atmosphere.

Trimester 3:

- Spaceship Earth: Solar System
 - Engage in lessons that demonstrate understanding of day, night, and the Earth's rotation
 - Earth's rotation and daily shadow patterns
 - Determine why gravity is different on other planets.
 - Collect and represent data in a graph format that determines the amount of gravity on each planet.

This section of the overview provides a broad summary of the instructional focus in Art, Music, Physical Education and Health.

Art

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Students will:

- Continue using the Elements of Art (line, color, shape, form, value, texture, and space)
- Continue using the Principles of Design (balance, proportion, pattern, movement, emphasis, unity, and variety)
- Apply art to different subject matter, such as math, science and history
- Be focusing on student creativity and individuality.
- Learn about a variety of Artists and their techniques, Will be able to explore these techniques with different media used within the Art classroom.
- Use crayons, oil pastels, colored pencils, watercolor paint, tempera paint cakes, tempera paint, clay, paper mache, paper clay and printmaking.
- Practice the Art criticism process.
- Increase art vocabulary and begin to express opinions about their own and others' artwork.

Music

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Students will:

- Continue building literacy skills with all notes on the grand staff
- Add the syllables two and four to ta/ti ti spoken rhythms and compose more complex rhythms in 4/4 time
- Sing songs with two and three parts
- Develop hand drum technique and learn different sounds (bass, open, and closed)
- Develop ukulele strumming technique with down/up patterns
- Switch between basic chords (C major, F major, and G major) on ukulele with a steady beat
- Perform in classroom ensembles with multiple instruments

Physical Education

Students will:

- Continue to develop gross motor skills (running, walking, skipping, jumping, etc)
- Continue to develop sportsmanship, rules, and safety
- Learn a variety of techniques for how to apply gross motor and movement skills to gameplay
- Practice receiving constructive criticism from peers
- Increase PE vocabulary and continue to express opinions about the feedback process
- Continue to develop competitive gameplay skills
- Continue to learn about equipment and the proper techniques for using equipment safely
- Introduce scoring systems to gameplay
- Introduce strategy concepts to gameplay