

## 4th 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 Understanding for Multi-Digit Whole Numbers
- Add and Subtract Multi-Digit Numbers
- Use Strategies and Properties to Multiply by 1-Digit Whole Numbers
- Use Strategies and Properties to Multiply by 2-Digit Whole Numbers

#### *Trimester 2:*

- Use strategies and Properties to Divide by 1-Digit Whole Numbers
- Factors and Multiples
- Fraction Equivalence
- Ordering Fractions
- Adding Fractions and Subtracting Fractions

#### *Trimester 3:*

- Multiplying Fractions by Whole Numbers
- Represent and Interpret Data on Line Plots
- Understand and Compare Decimals
- Measurement Conversions
- Lines, angles, 2D shape classification

### English Language Arts:

#### *Trimester 1:*

Reading:

- Cite evidence from a realistic fiction text to support inferences.
- Determine a theme from details in text.
- Compare and contrast characters.

Writing:

- Write narratives with sequence and transitions..
- Use technology to publish writing.

Language:

- Demonstrate command of conventions for capitalization, punctuation, and spelling.

#### *Trimester 2:*

Reading:

- Determine a main idea from details in a Nonfiction text.
- Provide summary of nonfiction text.
- Determine and clarify the meaning of unknown words.
- Describe text structure of nonfiction text.
- Compare and contrast texts in the same genre or topic.

Writing:

- Opinion and persuasive writing

Language:

- Demonstrate command of conventions for capitalization, punctuation, and spelling.
- Determine the meaning of unknown words.
- Demonstrate command of conventions in grammar.

### ***Trimester 3:***

Reading:

- Determine themes from details in poetry.
- Compare and contrast text textures in poetry.
- Demonstrate understanding of figurative language and word relationships.
- Cite evidence from historical fiction text when determining a theme.
- Compare and contrast characters, settings, and events.
- Explain how components of the text fit together in the overall structure.
- Describe different points of view.

Writing:

- Poetry
- Informational writing/research

Language:

- Demonstrate command of conventions for capitalization, punctuation, and spelling.
- Determine the meaning of unknown words.
- Demonstrate command of conventions in grammar.
- Demonstrate understanding of figurative language.

## **Social Studies**

### ***Trimester 1***

- Understanding New Hampshire's place in the world
- Learning about early New Hampshire inhabitants

### **Trimester 2**

- Study of life in Colonial times
- Study of the structure of state government

### **Trimester 3**

- Physical features of New Hampshire that impact tourism today

## **Science**

### ***Trimester 1:***

- TBD according to new science curriculum

### ***Trimester 2:***

### ***Trimester 3:***

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

## Art

### **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

4

### **Students will:**

- Continue building literacy skills with all notes of the major scale on the treble clef
- Be introduced to the concept of bass clef and the grand staff
- Utilize ta/ti ti syllables to compose and perform quarter note and eighth note patterns on body percussion and hand drums
- Continue to develop their vocal skills by differentiating between singing in their head voice and chest voice
- Sing songs in strophic form (verse one, chorus, verse two, chorus...)
- Continue movement exploration with steady beat and body percussion as part of rhymes and songs, circle games and folk dances
- Apply literacy skills to Orff mallet percussion instruments
- Develop their mallet percussion technique (grip, rebound, tone) and hand drum technique
- Explore ukulele strumming technique and basic chords

## Physical Education

4

### **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 begin to express opinions about the feedback process
- Begin to engage in competitive gameplay
- Be introduced to equipment and the proper techniques for using equipment safely