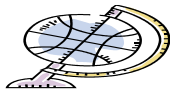


## Social Studies

### Geography



- Understand that maps and other geographic representations can be used to gather information about the Western Hemisphere
- Understand nations, regions and cultures represented in the Western Hemisphere

### Government

- Understand that people of the Western Hemisphere have differed regarding power, authority, governance and law
- Understand that basic civic values of democracy are expressed in the constitutions and laws of many countries in the Western Hemisphere

### Economics

- Understand the concepts of economics and how they apply to the study of economic systems of the Western Hemisphere
- Understand that economic systems of the global community have become more interdependent

### History

- Understand that different groups have contributed to the cultural diversity of the Western Hemisphere
- Understand that key turning points and events in the histories of the Western Hemisphere can be organized into historical time periods

### Culture/Society

- Understand that culture and experiences influence perceptions and that different people in the Western Hemisphere may view the same event from different perspectives

## Science

### Life Science



- Understand cell structures and systems in living things
- Understand interactions of living and non-living things in an ecosystem

### Physical Science

- Understand light energy
- Understand principles of sound

## Science (Continued)

### Earth Science

- Understand the components of the solar system
- Understand ways that scientists study planets and stars

### Art

- Demonstrate awareness of positive and negative space, light and shadow, perspective, color theory, and elements of line and form
- Recognize differences and techniques in artwork from a variety of cultures and apply these methods



### Music

- Identify tempo markings
- Read sixteenth notes
- Recognize syncopation aurally and visually



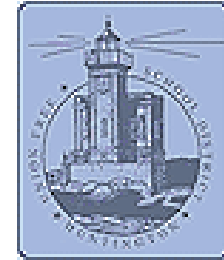
### Physical Education

- Identify and explain safety concepts and rules
- Recognize concepts and strategies in team games and activities
- Demonstrate activities designed to improve and maintain muscular strength and endurance, flexibility, and cardio-respiratory function



### Library Media Skills

- Use references such as thesauruses, specialized encyclopedias, almanacs, atlases in both print and electronic formats
- Compose a works cited page from information on source materials
- Use synonyms and alternative words for key words to aid in more thorough searching
- Make evaluations based on facts and logical reasoning
- Distinguish between relevant and irrelevant information



## Fifth Grade Curriculum

*A Tradition of  
Excellence*

**Huntington  
Union Free  
School District**

**Huntington,  
New York**

## English Language Arts

### Phonics/Structural Analysis

- Use decoding strategies to read unfamiliar words (e.g.: syllables, analogy)
- Identify unfamiliar words using grammar and meaning cues



### Vocabulary

- Analyze root words, prefixes, suffixes, verb endings, plural nouns, contractions, and compound words to learn new vocabulary
- Use self-monitoring strategies to identify vocabulary that causes comprehension difficulties
- Use a dictionary and glossary to learn the meanings of words

### Fluency

- Automatically sight read grade level high frequency words and irregularly spelled words with speed, accuracy, and expression

### Comprehension Strategies

- Read and comprehend grade level texts for a variety of purposes
- Collect data and information from texts
- Understand written directions
- Use comprehension strategies such as predicting/confirming, cross checking, attending to vocabulary, re-reading, questioning, etc. to monitor own reading
- Use knowledge of text structure and text features to recognize and discriminate differences among a variety of texts to support understanding
- Compare and contrast similarities and differences found in a variety of written material
- Answer literal, inferential, and critical thinking questions related to grade level text
- Identify and interpret plot, character, and events
- Recognize differences among genres
- Present a point of view with details from text
- Support the main idea with text details
- Judge the accuracy of content
- Engage in independent silent reading
- Lead and participate in discussions about grade level texts by integrating multiple strategies (questioning, clarifying, etc.)

## English Language Arts (Continued)

### Writing/Spelling

- Correctly spell previously studied words, irregularly spelled content and high frequency words in writing
- Use spelling resources

### Composition

- Write in response to the reading of imaginative and informational texts
- Write a variety of topic related and/or self-selected compositions and reports using the writing process
- Write paragraphs that are organized, logical, and use different organization text structures
- Review writing independently for correct capitalization, punctuation, grammar, and spelling

### Listening

- Listen attentively for different purposes
- Listen respectfully without interrupting when others speak

### Speaking

- Use grade level vocabulary and conventional grammar in own speech
- Communicate ideas in an organized manner
- Take turns in conversation and offer feedback to others when participating in discussion

## Mathematics

### Place Value

- Recognize place value to millions
- Order numbers to millions
- Round whole numbers to millions



### Addition and Subtraction Strategies

- Estimate sums and differences
- Model problems with pictures and diagrams
- Understand inverse operations
- Problem solve multi-step problems and explain in writing the mathematical processes necessary to reach a solution

### Multiplication and Division Concepts

- Understand properties of multiplication; associative, commutative, distributive properties
- Multiply a 3 digit number by a 3 digit number
- Understand multiplying whole numbers with a zero as one of the factors

## Mathematics

### Multiplication and Division Concepts (Continued)

- Identify the factors of a number
- Multiply whole numbers by decimals and decimals by decimals
- Use short division
- Divide using decimals instead of remainders
- Estimate quotients and justify answers
- Divide using 2 digit divisors
- Recognize prime and composite numbers
- Problem solving with multi-step problems

### Measurement, Time, Money

- Use customary and metric units for measurement of length, mass, area, volume, time, etc.
- Display knowledge of area, perimeter, and volume
- Calculate elapsed time in minutes and hours

### Geometry, Fractions, Decimals

- Identify, describe, and compare attributes of 2 and 3 dimensional figures using appropriate vocabulary
- Identify similar triangles
- Know the sum of interior angles
- Measure angles with a protractor
- Understand least and greatest common factors
- Simplify to lowest terms
- Convert improper fractions to mixed numbers and mixed numbers to improper fractions
- Add and subtract fractions and mixed numbers
- Read, write, compare, add, subtract, multiply and divide decimals through the thousandths place
- Change decimals to fractions and percents

### Graphing, Probability, and Ratios

- Display data on a line graph
- Use ordered pairs and plot them on the x and y axis
- Understand mean, median, range, mode
- Write the probability of an event as a ratio

### Algebra

- Define and use appropriate terminology when referring to constant, variables, and algebraic expressions
- Create and explain patterns and algebraic relationships