



English Language Arts

Language Standards

- Demonstrate command of the conventions of standard English grammar and usage when writing or speaking.
- Demonstrate command of the conventions of standard English capitalization, punctuation, and spelling when writing.
- Determine or clarify the meaning of unknown and multiple-meaning words and phrases.
- Demonstrate understanding of figurative language, word relationships and nuances in word meanings.
- Acquire and use accurately grade-appropriate general academic and domain-specific words and phrases.

Reading Standards

- Quote accurately from a text when explaining what the text says explicitly and when drawing inferences from the text.
- Determine two or more main ideas of a text and explain how they are supported by key details; summarize the text.
- Explain the relationships or interactions between two or more individuals, events, ideas, or concepts in a historical, scientific, or technical text based on specific information in the text.
- Determine the meaning of general academic and domain-specific words and phrases in a text relevant to a grade 5 topic or subject area.
- Compare and contrast the overall structure of events, ideas, concepts, or information in two or more texts.
- Analyze multiple accounts of the same event or topic, noting important similarities and differences in the point of view they represent.
- Draw on information from multiple print or digital sources, demonstrating the ability to locate an answer to a question quickly or to solve a problem efficiently.
- Explain how an author uses reasons and evidence to support particular points in a text, identifying which reasons and evidence support which point(s).

Writing Standards

- Write opinion pieces on topics or texts, supporting a point of view with reasons and information.
- Write informative/explanatory texts to examine a topic and convey ideas and information clearly.
- Write narratives to develop real or imagined experiences or events using effective technique, descriptive details, and clear even sequences.
- With guidance and support from peers and adults, develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach.

Speaking and Listening

- Engaged effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade 5 topics and texts, building on others' ideas and expressing their own clearly.



- Summarize a written text read aloud or information presented.
- Summarize the points a speaker makes and explain how each claim is supported by reasons and evidence.
- Report on a topic or text or present an opinion, sequencing ideas logically and using appropriate facts and relevant, descriptive details to support main ideas or themes.

The district incorporates a balanced literacy approach as part of a comprehensive program that is used to teach reading and writing.

The Units of Study format along with a workshop model is the framework for the delivery of instruction. Leveled reading materials along with guided and independent reading develop and support the skills that are necessary to provide literacy at the grade level.

During the writing workshop, students are invited to live, work and learn as writers. Students work as professional authors do, cycling through the eight stages of the writing process. They observe their lives and the world around them while collecting, drafting, revising, editing, and publishing well-crafted narrative and expository texts. Students receive direct instruction from a minilesson, during which the teacher explicitly teaches a skill proficient writers use when writing. Students then have time to write, applying writing skills and strategies they have learned while receiving feedback through one-on-one conferences and small group instruction. Throughout the revising stage, students will enhance their writing with sensory details, voice and adding an emotional connection. Prior to publishing, students will use strategies to edit their writing for grammar, spelling and punctuation.

Reading

Grade 5 Units

Interpretation Book Clubs: Analyzing Themes

Students draw on a repertoire of ways for reading closely, noticing how story elements interact, understanding how different authors develop the same theme, and comparing and contrasting texts that develop a similar theme.

Tackling Complexity: Moving up Levels of Nonfiction

Children investigate the ways nonfiction texts are becoming more complex, and they learn strategies to tackle these new challenges.

Argument and Advocacy: Researching Debatable Issues

Students read complex nonfiction texts to conduct research on a debatable topic, consider perspective and craft, evaluate arguments and formulate their own evidence-based, ethical positions on issues.

Additional Resources

<https://www.engageny.org/resource/new-york-state-p-12-common-core-learning-standards-for-english-language-arts-and-literacy>

Writing

In grade 5, students will be writing a Memoir. Students will choose a moment from their life in which they have a strong emotional connection and will reflect on the lesson learned. Students will focus on writing craft such as adding dialogue and transitional phrases. For their expository writing, students will be writing Narrative Nonfiction in which they can choose the genre of a feature article, narrative biography or a picture book. Their writing will connect to the fifth grade social studies standard how groups of people in the Western Hemisphere fought for sovereignty and civil rights. Students will engage in research and make decisions as a writer such as how to organize their piece of writing or which text features will enhance the readers' experience. For the third unit of study, students will be writing an argumentative piece to support more than one claim with clear reasons and relevant evidence. Students will be writing a Public Service Announcement in which they focus on social issues facing them and their peers. When crafting a claim, writers will organize their reasons logically supported by facts and details. Writers will not only include precise language, but also be mindful of their writing style and tone.



Mathematics

The Pearson EnVision 2.0 Common Core Math Program serves as a primary instructional resource.

Scope and Sequence

NYS Math Standards

Operations and Algebraic Thinking

- Write and interpret numerical expressions.
- Analyze patterns and relationships. **Number and Operations in Base Ten**

Number and Operations—Fractions

- Understand the place value system.
- Perform operations with multi-digit whole numbers and with decimals to hundredths.

Number and Operations—Fractions

- Use equivalent fractions as a strategy to add and subtract fractions.
- Apply and extend previous understandings of multiplication and division to multiply and divide fractions. **Measurement and Data**
- Convert like measurement units within a given measurement system.
- Represent and interpret data.
- Geometric measurement: understand concepts of volume and relate volume to multiplication and to addition. **Geometry**
- Graph points on the coordinate plane to solve real-world and mathematical problems. • Classify two-dimensional figures into categories based on their properties.

Topics to be covered

- Evaluated Throughout the Year
 - Multiplication Facts
 - Word Problems
- Place Value
 - Standard, Written (word or name) and Expanded Form (with fractions and decimals)
 - Equivalent Decimals
 - Converting Mixed Numbers to Decimals
 - Comparing and Ordering Whole Numbers, Fractions and Decimals
 - Rounding Whole Numbers and Decimals
- Addition and Subtraction of Whole Numbers and Decimals
 - Properties of Addition (Commutative, Associative and Identify)
 - Estimating Sums and Differences
- Multiplication (multi-digit by multi-digit)
 - Properties of Multiplication (Commutative, Associative, Identify, Zero, and Distributive Property)
 - Estimating
 - Exponents
 - Multiplying Decimals
- Division (one and two-digit divisors)
 - Estimating
 - Division with Decimals



Mathematics (cont'd)

- Fractions
 - Prime Numbers
 - Composite Numbers
 - Greatest Common Factor
 - Least Common Multiple
 - Equivalent
 - Simplify
 - Comparing and Ordering
 - Improper Fractions and Mixed Numbers
 - Adding and Subtracting Mixed Numbers with Regrouping
 - Multiplying and Dividing Fractions, Mixed Numbers, and Whole Numbers
- Expression and Patterns
 - Order of Operation
 - Expressions and Equations
- Geometry
 - Polygons, Perimeter, Triangles, Quadrilaterals
 - Coordinate Geometry
- Volume
 - Combined Volume
 - Volume of a Rectangular Prism
- Measurement
 - Convert Customary and Metric Units

Additional Resources

www.Engageny.org



Science

Through the studying of natural phenomena students will make observations and conduct investigations to test their claims and designs and come up with solutions to essential questions. They will practice the skills of observation, measurement, classifying and inferencing.

NYSSLS (New York State Science Learning Standards)

- Structure and Properties of Matter
- Matter and Energy in Organisms and Ecosystems
- Earth's Systems
- Space Systems: Stars and the Solar System
- 3-5. Engineering Design

Topics to be covered

- Controlled Studies/Experiments
- Scientific Method
- Human Body
 - Digestive
 - Skeletal
 - Circulatory
 - Respiratory
- Solar System/Rain Forest
 - Oceans
 - Marine Organisms
 - Space

Social Studies

Grade 5 Social Studies is based on the history and geography of the Western Hemisphere, including the development of cultures, civilizations, and empires; interaction between societies; and the comparison of the government and economic systems of modern nations.

Social Studies Areas of Study during the Year

- Early Peoples of the Americas
- Complex Societies and Civilizations
- European Exploration and its Effects
- Geography in the Western Hemisphere
- Comparative Cultures
- Government
- Economics

Topics to be covered

- Geography of Western Hemisphere
 - Location
 - Place
 - Human Environment
 - Movement
 - Regions
- Comparative Cultures/Ancient Civilization
 - Maya/Aztec
- Exploration & Effects
 - Columbus debates
 - Early colonization/ settlements
- Westward Expansion
- Civil War
- Government/Economics

Additional Resources

<http://www.p12.nysed.gov/ciai/socst/frameworkhome.html>