

Mathematics

In Grade 5, instructional time will focus on:

Operations and Algebraic Thinking:

- Write and interpret numerical expressions.
- Analyze patterns and relationships.

Number and Operations in Base Ten:

- 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:

- Convert like measurement units within a given measurement system.
- Geometric measurement: understand concepts of volume and relate volume to multiplication and to addition.

Data Literacy:

- Understand and analyze data visualizations.
- Represent and interpret data.

Geometry:

- Graph points on the coordinate plane to solve real-world and mathematical problems.
- Classify two-dimensional figures into categories based on their properties.



Social Studies

Students are introduced to the early development of the United States including exploration and colonization, the fight for freedom, nation building, and the Civil War.

- The Land and Early People
- The 13 Colonies and American Revolution
- Civil War Times



Science

The performance expectations in 5th Grade help students formulate answers to questions on topics such as:

- Properties of Matter
- Changes to Matter
- Energy and Matter in Ecosystems
- Water on the Earth
- Earth Systems
- Interactions Within the Earth, Sun, and Moon System



FIFTH GRADE

Elementary Curriculum Overview



Pemberton Township Schools



*Pursuing Excellence
One Child At A Time*

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Introduction

Pemberton Township Schools is continually refining its curriculum for students in Kindergarten through fifth grade. State standards as well as district personnel shape our curriculum. The use of technology is integrated throughout the curriculum. This overview provides information on what your child should be able to do by the end of this grade.



English Language Arts

Using a structured literacy approach, focusing on reading, writing, listening, and speaking, students are exposed to a range of grade appropriate texts and topics that connect across all content areas.

LANGUAGE

Foundational Skills - Reading/Writing

- **Phonics and Word Recognition:** Apply word analysis skills in decoding and encoding words; use combined knowledge of all letter sound correspondences, syllabication patterns, and roots and affixes to read accurately unfamiliar multisyllabic words in context and out of context.
- **Fluency:** Read grade-level texts with sufficient accuracy and fluency to support comprehension.
- **Sentence Composition:** Demonstrate command of the conventions of writing. Use basic paragraphing, adding adjectives and adverbs, independent clauses and coordinating conjunctions. Use capitalization, punctuation (commas), quotation marks, word order, precise nouns, stronger verbs (verb tenses), and pronouns. Spell grade appropriate words correctly using references as needed.
- **Language Development:** Determine or clarify the meaning of unknown and multiple meaning academic and domain

specific words and phrases using context clues, affixes, root words, glossaries and dictionaries (both print and digital). Demonstrate understanding of figurative language, similes, metaphors, idioms, adages, and proverbs.

These standards aim to lay a strong literacy foundation for young learners.

READING

The reading program includes shared reading, guided reading, independent reading and teacher read-alouds.

- Refer to details and examples as textual evidence and quote accurately when explaining what a literary and/or informational text says and make relevant connections when making inferences about the text.
- Determine the theme of a literary text and the central idea of an informational text. Explain how they are supported by key details. Summarize the text.
- Analyze and describe the impact of individuals and events throughout the course of a text, using analysis or explanation based on evidence in the text.
- Describe the overall structure of texts and explain the major differences between kinds of texts.
- Compare and contrast points of view, first and third person narrations, and multiple accounts of the same event or topic.
- Compare and contrast authors' approaches to similar themes, topics, and patterns of events in literary and/or informational texts from authors of different cultures.
- Analyze how visual and multimedia elements contribute to the meaning of a text. Interpret and explain how the elements contribute to an understanding of the text.

WRITING

- Write opinion pieces supporting a point of view with reasons and information. Quote directly from text when appropriate.
- Write informative/explanatory texts to examine a topic and convey ideas and information. Develop the topic with facts, definitions, concrete details and text evidence. Include

text features.

- Write narratives to develop real or imagined experiences or events using narrative technique, descriptive details, and clear event sequences. Use dialogue, transitional words and phrases, and sensory details to convey events and experiences precisely.
- Develop and strengthen writing as needed by planning, revising, editing, rewriting or trying a new approach. Include self-evaluation and peer feedback as part of the writing process.
- Establish a central idea about a topic, conduct short research, and investigate using multiple reference sources (print and nonprint).
- Regularly discuss and engage in collaborative and independent writing tasks.

SPEAKING AND LISTENING

- Participate in collaborative conversations about topics and texts in small and large groups. Build on others' ideas and express own ideas clearly.
- Summarize a read-aloud text or presented information. Summarize the points a speaker makes and explain how each claim is supported by reasons and evidence.
- Pose and respond to specific questions to clarify or follow up on information. Make comments that contribute to the discussion and link to the remarks of others.
- Speak clearly when reporting on a topic or text or presenting an opinion using appropriate facts and relevant, descriptive details.
- Use multi-media to emphasize or enhance facts and details when presenting information. Speak in complete sentences, clearly and at an understandable pace.

