

HAMPTON TOWNSHIP SCHOOL DISTRICT
GRADE 5 CURRICULUM OVERVIEW

English Language Arts

Wonders is a comprehensive research-based program addressing all areas of English Language Arts such as phonemic awareness, phonics, fluency, vocabulary, reading comprehension, and writing. The lessons in *Wonders* are designed for the central purpose of interacting with text, and reading and writing are integrated throughout the program.

Overall, the *Wonders* program offers a balance of complex informational and literary texts, focuses on academic language, uses text-dependent questions to ensure reading and writing are grounded in text, incorporates close reading routines to guide students in making meaning of text and provides opportunities for analytical and genre writing. The program also provides leveled interventions to address individual student needs.

Reading Comprehension

Instruction is provided for growth in the analysis of fiction and nonfiction text. Students demonstrate comprehension by applying strategies such as summarizing and making, confirming and revising predictions, Students will apply skills addressing theme, text structure and inferencing, and students will be asked to justify responses with evidence from the text. Additionally, fifth graders are expected to make connections among and between different passages and texts.

Vocabulary

Students correctly define and use words in context such as synonyms, antonyms, homophones, homographs, suffixes, prefixes, and etymology to acquire a reading vocabulary and improve reading fluency.

English – Grammar and Composition

Students use controlled organization and meaningful transitions to write multi-paragraph compositions. Narrative, informative and opinion writing are taught. Additionally, there is a focus on analytical writing. Composition formats will include topic sentences, supporting details, introductory and closing paragraphs using compound and complex sentences. Grammar skills such as parts of speech, sentence types, and mechanics are taught, assessed, and applied to writing. Students are expected to use a five-step writing process that includes prewriting, drafting, revising, editing, and publishing to include the six traits of good writers. Correct formation and size of cursive letters is reinforced.

Spelling

The spelling program consists of weekly differentiated word lists and lessons that teach spelling patterns utilizing phonemic strategies.

Resources

Wonders 2020 (McGraw Hill) Language Arts Program, computer software, children's literature

Assessment

Students will be evaluated on in-class assignments, participation, homework and tests.

Mathematics

The Grade 5 mathematics program is designed to emphasize the application of mathematics concepts to real-world situations. Learning strategies will include inquiry-based and hands-on activities in addition to traditional computation techniques. Student learning will focus on whole number place value, whole number multiplication and division, order of operations, arithmetic operations with fractions and mixed numbers, decimal place value, arithmetic operations with decimals, data and measurement (including converting units, interpreting graphs and line plots, and finding the volume of composite rectangular prisms) and geometry (including using the coordinate system and classifying quadrilaterals). A strong emphasis is placed on number facts, computation, and problem solving. Using the *Math in Focus* curriculum, students will use strategies such as bar modeling to attack novel problems and will be required to demonstrate, explain, and justify their work and mathematical thinking.

Resources

Math in Focus[®]: *Singapore Math* (Houghton Mifflin Harcourt) by Marshall Cavendish, computer software and manipulatives

Assessment

Students will be evaluated on in-class assignments, participation, homework and tests.

Social Studies

After a review of geography and map skills, students begin their study of United States history. The study begins with Ancient American civilizations and is followed by Native American settlements. The study continues with European exploration and the colonization of North America leading up to the French and Indian War and the American Revolution.

Resources

Houghton Mifflin Social Studies textbooks and e-books

Assessment

Students will be evaluated on in-class assignments, participation, homework and tests.

Science

The Science program is designed to support the academic standards in Science and Technology and Environment and Ecology. Students will explore content in the areas of life sciences, earth and space science, and physical science. In addition to foundational concepts, critical thinking, real-world application, and engineering will be integrated throughout classroom instruction. Employing an inquiry model helps further deepen students' understanding of scientific concepts.

Resources

Harcourt Science

Smithsonian Science for the Classroom: How Can We Predict Change in Ecosystems?
How Can We Use the Sky to Navigate?
How Can We Identify Materials Based on Their Properties?

Assessment

Students will be evaluated on in-class assignments, participation, homework and tests.

Library & Computational Thinking

Students in fifth grade are scheduled as a class once a week for 60 minutes. Students may check out two items at a time. Students may revisit the library throughout the week to exchange books. Curriculum areas include: Dewey Decimal System, shelf arrangement, reference materials, Newbery award, genres of literature, and bibliography. Information skills include search strategies using Destiny, identifying and using information from a database, plagiarism, and copyright issues. Digital citizenship skills are taught using the Common Sense Media curriculum.

Library Media Specialists will teach computational thinking through the code.org platform. Keyboarding skills are reviewed.

Competencies

All students in fifth grade will:

- Demonstrate information literacy
- Demonstrate independent learning
- Demonstrate social responsibility
- Demonstrate technology literacy

Music

All elementary students participate in music and performance through singing, listening, and playing musical instruments. This academic discipline enhances logical and spatial reasoning skills by incorporating and strengthening the auditory and kinesthetic learning modalities.

Fifth grade vocal music students meet twice a week for thirty minutes. Formal assessments reflect the culmination of melodic, harmonic, and rhythmic skills acquired throughout their elementary career. Achievement is determined by competency in skills, knowledge of concepts, as well as self and social responsibility. Hampton Township School District's Music Curriculum is based on the National Standards for Music Education.

Students also have the opportunity to participate in a weekly chorus class which focuses on performance skills through a variety of more advanced repertoire. Participants will perform several times a year.

Students in fifth grade may also play an instrument in the band or orchestra. These students will have lessons once per week for thirty minutes, and will perform several times per year.

Resources:

MusicPlayOnline

Physical Education

In fifth grade, the Physical Education program emphasizes the development of skills and fitness through the content areas of movement exploration, educational games, dance and tumbling. Student success is determined by knowledge of concepts, self and social responsibility and skill development. Tennis shoes and loose, comfortable clothing are required. Classes will meet twice a week for thirty minutes.

Art

The curriculum for grade five enables the students to use their knowledge and skills to synthesize information, thus allowing them to produce and respond to works of art. Emphasis is on communication of personal feelings and ideas in art appreciation and production. Students will reflect, develop and analyze their personal responses to the expressive and communicative qualities of works of art of works of art. Students will also observe and discuss the impact art can have on beliefs, values and behaviors. Art classes will meet once a week for fifty-five minutes.