

EDUCATION STANDARDS

GRADE

COMMON CORE STATE STANDARDS:

ENGLISH LANGUAGE ARTS AND LITERACY IN HISTORY/SOCIAL STUDIES, SCIENCE, AND TECHNICAL SUBJECTS

GRADE 5

SPEAKING AND LISTENING:

- ▶ Engage effectively in a range of collaborative discussions with diverse partners on grade 5 topics and texts, building on others' ideas and expressing their own clearly. (Lessons 1, 2, 3, and 4)
- ▶ Summarize a written text read aloud or information presented in diverse media and formats, including visually, quantitatively, and orally. (Lessons 2, 3, and 4)
- ▶ 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; speak clearly at an understandable pace. (Lesson 4)
- ▶ Include multimedia components (e.g., graphics, sound) and visual displays in presentations when appropriate to enhance the development of main ideas or themes. (Lesson 4)

READING:

- ▶ Determine the meaning of general academic and domain-specific words and phrases in a text relevant to a grade 5 topic or subject area. (Lesson 2)
- ▶ 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. (Lessons 2 and 3)

WRITING:

- ▶ Write informative/explanatory texts to examine a topic and convey ideas and information clearly. (Lessons 2, 3, and 4)
- ▶ Conduct short research projects that use several sources to build knowledge through investigation of different aspects of a topic. (Lesson 2)

NEXT GENERATION SCIENCE STANDARDS

- ▶ **Understanding About the Nature of Science:** Science is a human endeavor. (Lessons 1, 2, and 3)
- ▶ **Science and Engineering Practices:** Planning and carrying out investigations to answer questions or test solutions to problems. (Lesson 2)

EDUCATION STANDARDS (CONTINUED)

GRADE

COMMON CORE STATE STANDARDS:

ENGLISH LANGUAGE ARTS AND LITERACY IN HISTORY/SOCIAL STUDIES, SCIENCE, AND TECHNICAL SUBJECTS

GRADE 6

SPEAKING AND LISTENING:

- ▶ Engage effectively in a range of collaborative discussions with diverse partners on grade 6 topics, texts, and issues, building on others' ideas and expressing their own clearly. (Lessons 1, 2, 3, and 4)
- ▶ Interpret information presented in diverse media and formats and explain how it contributes to a topic, text, or issue under study. (Lessons 2 and 3)
- ▶ Present claims and findings, sequencing ideas logically and using pertinent descriptions, facts, and details to accentuate main ideas or themes; use appropriate eye contact, adequate volume, and clear pronunciation. (Lesson 3)
- ▶ Include multimedia components (e.g., graphics, images, music, sound) and visual displays in presentations to clarify information. (Lesson 4)

READING:

- ▶ Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings. (Lesson 2)
- ▶ Integrate information presented in different media or formats as well as in words to develop a coherent understanding of a topic or issue. (Lessons 2 and 3)

READING IN SCIENCE AND TECHNICAL SUBJECTS:

- ▶ Follow precisely a multistep procedure when carrying out experiments, taking measurements, or performing technical tasks. (Lesson 3)
- ▶ Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 6–8 texts and topics. (Lessons 1 and 2)
- ▶ Integrate quantitative or technical information expressed in words in a text with a version of that information expressed visually. (Lesson 2)
- ▶ Compare and contrast the information gained from experiments, simulations, video, or multimedia sources with that gained from reading a text on the same topic. (Lesson 3)

WRITING:

- ▶ Write informative/explanatory texts to examine a topic and convey ideas, concepts, and information through the selection, organization, and analysis of relevant content. (Lessons 2, 3, and 4)
- ▶ Conduct short research projects to answer a question, drawing on several sources and refocusing the inquiry when appropriate. (Lesson 2)
- ▶ Write informative/explanatory texts, including the narration of historical events, scientific procedures/experiments, or technical processes. (Lesson 2)
- ▶ Conduct short research projects to answer a question, drawing on several sources and generating additional related, focused questions that allow for multiple avenues of exploration. (Lesson 2)
- ▶ Draw evidence from informational texts to support analysis, reflection, and research. (Lesson 4)

NEXT GENERATION SCIENCE STANDARDS

- ▶ **Understanding About the Nature of Science:** Science is a human endeavor. (Lessons 1, 2, and 3)

*Source: Cheryl Abel, Kerri Johnson, Dustin Waller, Maha Abdalla, and Carroll-Ann W. Goldsmith. Nonprescription medication use and literacy among New Hampshire eighth graders. *Journal of the American Pharmacists Association*. 2012: 777-787