

EDUCATION STANDARDS

Grades 5-8



Common Core English Language Arts* and Next Generation Science Standards**

GRADE 5 ENGLISH LANGUAGE ARTS	Activity 1	Activity 2	Activity 3
READING INFORMATIONAL TEXT			
Key Ideas and Details			
CCSS.ELA-LITERACY.RI.5.1 Quote accurately from a text when explaining what the text says explicitly and when drawing inferences from the text.	X		X
CCSS.ELA-LITERACY.RI.5.2 Determine two or more main ideas of a text and explain how they are supported by key details; summarize the text.	X	X	
CCSS.ELA-LITERACY.RI.5.3 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.	X	X	X
Craft and Structure			
CCSS.ELA-LITERACY.RI.5.4 Determine the meaning of general academic and domain-specific words and phrases in a text relevant to a <i>grade 5 topic or subject area</i> .	X	X	
Integration of Knowledge and Ideas			
CCSS.ELA-LITERACY.RI.5.9 Integrate information from several texts on the same topic in order to write or speak about the subject knowledgeably.		X	X
Range of Reading and Level of Text Complexity			
CCSS.ELA-LITERACY.RI.5.10 By the end of the year, read and comprehend informational texts, including history/social studies, science, and technical texts, at the high end of the grades 4-5 text complexity band independently and proficiently.	X	X	X

* © Copyright 2010 National Governors Association Center for Best Practices and Council of Chief State School Officers. All rights reserved.

** NGSS Lead States. 2013. Next Generation Science Standards: For States, By States. Washington, DC: The National Academies Press.

GRADE 5 ENGLISH LANGUAGE ARTS (continued)	Activity 1	Activity 2	Activity 3
WRITING			
Text Types and Purposes CCSS.ELA-LITERACY.W.5.2 Write informative/explanatory texts to examine a topic and convey ideas and information clearly.	X	X	X
Production and Distribution of Writing CCSS.ELA-LITERACY.W.5.4 Produce clear and coherent writing in which the development and organization are appropriate to task, purpose, and audience.	X	X	X
Research to Build and Present Knowledge CCSS.ELA-LITERACY.W.5.7 Conduct short research projects that use several sources to build knowledge through investigation of different aspects of a topic.	X	X	
CCSS.ELA-LITERACY.W.5.8 Recall relevant information from experiences or gather relevant information from print and digital sources; summarize or paraphrase information in notes and finished work, and provide a list of sources.		X	X
Range of Writing CCSS.ELA-LITERACY.W.5.10 Write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range of discipline-specific tasks, purposes, and audiences.	X	X	X

GRADES 6-8 ENGLISH LANGUAGE ARTS	Activity 1	Activity 2	Activity 3
SCIENCE AND TECHNICAL SUBJECTS			
Key Ideas and Details CCSS.ELA-LITERACY.RST.6-8.1 Cite specific textual evidence to support analysis of science and technical texts.	X		
CCSS.ELA-LITERACY.RST.6-8.2 Determine the central ideas or conclusions of a text; provide an accurate summary of the text distinct from prior knowledge or opinions.	X	X	X
Craft and Structure CCSS.ELA-LITERACY.RST.6-8.4 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.	X	X	X

GRADES 6-8 ENGLISH LANGUAGE ARTS (continued)	Activity 1	Activity 2	Activity 3
SCIENCE AND TECHNICAL SUBJECTS			
Integration of Knowledge and Ideas CCSS.ELA-LITERACY.RST.6-8.7 Integrate quantitative or technical information expressed in words in a text with a version of that information expressed visually (e.g., in a flowchart, diagram, model, graph, or table).	X	X	X
Range of Reading and Level of Text Complexity CCSS.ELA-LITERACY.RST.6-8.10 By the end of grade 8, read and comprehend science/technical texts in the grades 6-8 text complexity band independently and proficiently.	X	X	X
SPEAKING & LISTENING			
Comprehension and Collaboration CCSS.ELA-LITERACY.SL.6.1, 7.1, 8.1 Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade 6-8 topics, texts, and issues, building on others' ideas and expressing their own clearly.	X	X	X
LANGAUGE			
Conventions of Standard English CCSS.ELA-LITERACY.L.6.1, 7.1, 8.1 Demonstrate command of the conventions of standard English grammar and usage when writing or speaking.	X	X	X
Knowledge of Language CCSS.ELA-LITERACY.L.6.3, 7.3, 8.3 Use knowledge of language and its conventions when writing, speaking, reading, or listening.	X	X	X
Vocabulary Acquisition and Use CCSS.ELA-LITERACY.L.6.6, 7.6, 8.6 Acquire and use accurately grade-appropriate general academic and domain-specific words and phrases; gather vocabulary knowledge when considering a word or phrase important to comprehension or expression.	X	X	X

NEXT GENERATION SCIENCE STANDARDS	Activity 1	Activity 2	Activity 3
MS- ESS3: Earth and Human Activity			
MS-ESS3-2. Analyze and interpret data on natural hazards to forecast future catastrophic events and inform the development of technologies to mitigate their effects.	X	X	X
MS-ESS3-3. Apply scientific principles to design a method for monitoring and minimizing a human impact on the environment.	X	X	X
MS-ESS3-4. Construct an argument supported by evidence for how increases in human population and per-capita consumption of natural resources impact Earth's systems	X	X	X
MS-ESS3-5. Ask questions to clarify evidence of the factors that have caused the rise in global temperatures over the past century.	X	X	X