



Grades 3-5 English Language Arts Common Core State Standards* and Next Generation Science Standards**

ENGLISH LANGUAGE ARTS STANDARDS			
THIRD GRADE	Activity 1	Activity 2	Activity 3
READING: INFORMATIONAL TEXT			
Key Ideas and Details: CCSS.ELA-LITERACY.RI.3.1 Ask and answer questions to demonstrate understanding of a text, referring explicitly to the text as the basis for the answers. CCSS.ELA-LITERACY.RI.3.3 Describe the relationship between a series of historical events, scientific ideas or concepts, or steps in technical procedures in a text, using language that pertains to time, sequence, and cause/effect.	✓	✓	✓
Craft and Structure: CCSS.ELA-LITERACY.RI.3.4 Determine the meaning of general academic and domain-specific words and phrases in a text relevant to a grade 3 topic or subject area.	✓	✓	✓
Integration of Knowledge and Ideas: CCSS.ELA-LITERACY.RI.3.7 Use information gained from illustrations (e.g., maps, photographs) and the words in a text to demonstrate understanding of the text (e.g., where, when, why, and how key events occur).	✓	✓	✓
READING: FOUNDATIONAL SKILLS			
Phonics and Word Recognition: CCSS.ELA-LITERACY.RF.3.3 Know and apply grade-level phonics and word analysis skills in decoding words.	✓	✓	✓
Fluency: CCSS.ELA-LITERACY.RF.3.4 Read with sufficient accuracy and fluency to support comprehension.	✓	✓	✓
WRITING			
Text Types and Purposes: CCSS.ELA-LITERACY.W.3.2 Write informative/explanatory texts to examine a topic and convey ideas and information clearly.	✓	✓	✓
Production and Distribution of Writing: CCSS.ELA-LITERACY.W.3.4 With guidance and support from adults, produce writing in which the development and organization are appropriate to task and purpose.	✓	✓	✓
Research to Build and Present Knowledge: CCSS.ELA-LITERACY.W.3.8 Recall information from experiences or gather information from print and digital sources; take brief notes on sources and sort evidence into provided categories.	✓	✓	✓

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

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	Activity 1	Activity 2	Activity 3
SPEAKING & LISTENING			
Comprehension and Collaboration: CCSS.ELA-LITERACY.SL.3.1 Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade 3 topics and texts, building on others' ideas and expressing their own clearly.	√	√	√
Presentation of Knowledge and Ideas: CCSS.ELA-LITERACY.SL.3.4 Report on a topic or text, tell a story, or recount an experience with appropriate facts and relevant, descriptive details, speaking clearly at an understandable pace.	√	√	√
LANGUAGE			
Conventions of Standard English: CCSS.ELA-LITERACY.L.3.1 Demonstrate command of the conventions of standard English grammar and usage when writing or speaking. CCSS.ELA-LITERACY.L.3.2 Demonstrate command of the conventions of standard English capitalization, punctuation, and spelling when writing.	√	√	√
Knowledge of Language: CCSS.ELA-LITERACY.L.3.3 Use knowledge of language and its conventions when writing, speaking, reading, or listening.	√	√	√
Vocabulary Acquisition and Use: CCSS.ELA-LITERACY.L.3.4 Determine or clarify the meaning of unknown and multiple-meaning word and phrases based on grade 3 reading and content, choosing flexibly from a range of strategies.	√	√	√
FOURTH GRADE	Activity 1	Activity 2	Activity 3
READING: INFORMATIONAL TEXT			
Key Ideas and Details: CCSS.ELA-LITERACY.RI.4.1 Refer to details and examples in a text when explaining what the text says explicitly and when drawing inferences from the text. CCSS.ELA-LITERACY.RI.4.3 Explain events, procedures, ideas, or concepts in a historical, scientific, or technical text, including what happened and why, based on specific information in the text.	√	√	√
Craft and Structure: CCSS.ELA-LITERACY.RI.4.4 Determine the meaning of general academic and domain-specific words or phrases in a text relevant to a grade 4 topic or subject area.	√	√	√
Integration of Knowledge and Ideas: CCSS.ELA-LITERACY.RI.4.7 Interpret information presented visually, orally, or quantitatively (e.g., in charts, graphs, diagrams, timelines, animations, or interactive elements on Web pages) and explain how the information contributes to an understanding of the text in which it appears.	√	√	√

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	Activity 1	Activity 2	Activity 3
READING: FOUNDATIONAL SKILLS			
Phonics and Word Recognition: CCSS.ELA-LITERACY.RF.4.3 Know and apply grade-level phonics and word analysis skills in decoding words.	√	√	√
Fluency: CCSS.ELA-LITERACY.RF.4.4 Read with sufficient accuracy and fluency to support comprehension.	√	√	√
WRITING			
Text Types and Purposes: CCSS.ELA-LITERACY.W.4.2 Write informative/explanatory texts to examine a topic and convey ideas and information clearly.	√	√	√
Production and Distribution of Writing: CCSS.ELA-LITERACY.W.4.4 Produce clear and coherent writing in which the development and organization are appropriate to task, purpose, and audience.	√	√	√
Research to Build and Present Knowledge: CCSS.ELA-LITERACY.W.4.8 Recall relevant information from experiences or gather relevant information from print and digital sources; take notes and categorize information, and provide a list of sources.	√	√	√
SPEAKING & LISTENING			
Comprehension and Collaboration: CCSS.ELA-LITERACY.SL.4.1 Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade 4 topics and texts, building on others' ideas and expressing their own clearly.	√	√	√
Presentation of Knowledge and Ideas: CCSS.ELA-LITERACY.SL.4.4 Report on a topic or text, tell a story, or recount an experience in an organized manner, using appropriate facts and relevant, descriptive details to support main ideas or themes; speak clearly at an understandable pace.	√	√	√
LANGUAGE			
Conventions of Standard English: CCSS.ELA-LITERACY.L.4.1 Demonstrate command of the conventions of standard English grammar and usage when writing or speaking. CCSS.ELA-LITERACY.L.4.2 Demonstrate command of the conventions of standard English capitalization, punctuation, and spelling when writing.	√ √	√ √	√ √
Knowledge of Language: CCSS.ELA-LITERACY.L.4.3 Use knowledge of language and its conventions when writing, speaking, reading, or listening.	√	√	√
Vocabulary Acquisition and Use: CCSS.ELA-LITERACY.L.4.4 Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grade 4 reading and content, choosing flexibly from a range of strategies.	√	√	√

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FIFTH GRADE	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. 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.	✓ ✓	✓ ✓	✓ ✓
Craft and Structure: CCSS.ELA-LITERACY.RI.5.4 Determine the meaning of general academic and domain-specific words or phrases in a text relevant to a grade 5 topic or subject area.	✓	✓	✓
Integration of Knowledge and Ideas: CCSS.ELA-LITERACY.RI.5.7 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.	✓	✓	✓
READING: FOUNDATIONAL SKILLS			
Phonics and Word Recognition: CCSS.ELA-LITERACY.RF.5.3 Know and apply grade-level phonics and word analysis skills in decoding words.	✓	✓	✓
Fluency: CCSS.ELA-LITERACY.RF.5.4 Read with sufficient accuracy and fluency to support comprehension.	✓	✓	✓
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.	✓	✓	✓
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.	✓	✓	✓
Research to Build and Present Knowledge: 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.	✓	✓	✓
SPEAKING & LISTENING			
Comprehension and Collaboration: CCSS.ELA-LITERACY.SL.5.1 Engage 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.	✓	✓	✓
Presentation of Knowledge and Ideas: CCSS.ELA-LITERACY.SL.5.4 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.	✓	✓	✓

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	Activity 1	Activity 2	Activity 3
LANGUAGE			
Conventions of Standard English: CCSS.ELA-LITERACY.L.5.1 Demonstrate command of the conventions of standard English grammar and usage when writing or speaking. CCSS.ELA-LITERACY.L.5.2 Demonstrate command of the conventions of standard English capitalization, punctuation, and spelling when writing.	✓ ✓	✓ ✓	✓ ✓
Knowledge of Language: CCSS.ELA-LITERACY.L.5.3 Use knowledge of language and its conventions when writing, speaking, reading, or listening.	✓	✓	✓
Vocabulary Acquisition and Use: CCSS.ELA-LITERACY.L.5.4 Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grade 5 reading and content, choosing flexibly from a range of strategies.	✓	✓	✓

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NEXT GENERATION SCIENCE STANDARDS			
THIRD GRADE	Activity 1	Activity 2	Activity 3
3-PS2-2 Motion and Stability: Forces and Interactions Make observations and/or measurements of an object's motion to provide evidence that a pattern can be used to predict future motion.	✓		
3-5-ETS1-1 Engineering Design Define a simple design problem reflecting a need or a want that includes specified criteria for success and constraints on materials, time, or cost.	✓	✓	✓
3-5-ETS1-2 Engineering Design Generate and compare multiple possible solutions to a problem based on how well each is likely to meet the criteria and constraints of the problem.	✓	✓	✓
3-5-ETS1-3 Engineering Design Plan and carry out fair tests in which variables are controlled and failure points are considered to identify aspects of a model or prototype that can be improved.	✓		✓
FOURTH GRADE	Activity 1	Activity 2	Activity 3
3-5-ETS1-1 Engineering Design Define a simple design problem reflecting a need or a want that includes specified criteria for success and constraints on materials, time, or cost.	✓	✓	✓
3-5-ETS1-2 Engineering Design Generate and compare multiple possible solutions to a problem based on how well each is likely to meet the criteria and constraints of the problem.	✓	✓	✓
3-5-ETS1-3 Engineering Design Plan and carry out fair tests in which variables are controlled and failure points are considered to identify aspects of a model or prototype that can be improved.	✓		✓
FIFTH GRADE	Activity 1	Activity 2	Activity 3
3-5-ETS1-1 Engineering Design Define a simple design problem reflecting a need or a want that includes specified criteria for success and constraints on materials, time, or cost.	✓	✓	✓
3-5-ETS1-2 Engineering Design Generate and compare multiple possible solutions to a problem based on how well each is likely to meet the criteria and constraints of the problem.	✓	✓	✓
3-5-ETS1-3 Engineering Design Plan and carry out fair tests in which variables are controlled and failure points are considered to identify aspects of a model or prototype that can be improved.	✓		✓

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