



**COMMON CORE NATIONAL STANDARDS¹,
 SOCIAL-EMOTIONAL LEARNING – CASEL FRAMEWORK²,
 AND NEXT GENERATION NATIONAL SCIENCE STANDARDS³
 GRADES 6-8
 DIGITAL TEACHING KIT**

GRADES 6-8	ACTIVITY				
English Language Arts Standards ¹	1	2	3	4	5
SCIENCE & TECHNICAL SUBJECTS					
CCSS.ELA-LITERACY.RST.6-8.3					
Key Ideas and Details:					
Follow precisely a multistep procedure when carrying out experiments, taking measurements, or performing technical tasks.	•		•		
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).	•		•	•	
GRADE 6					
English Language Arts Standards¹					
LANGUAGE					
Conventions of Standard English:					
CCSS.ELA-LITERACY.L.6.1					
Demonstrate command of the conventions of standard English grammar and usage when writing or speaking.	•	•	•	•	
Knowledge of Language:					
CCSS.ELA-LITERACY.L.6.3					
Use knowledge of language and its conventions when writing, speaking, reading, or listening.	•	•	•	•	•
WRITING					
Text Type and Purposes:					
CCSS.ELA-LITERACY.W.6.1					
Write arguments to support claims with clear reasons and relevant evidence.		•		•	
CCSS.ELA-LITERACY.W.6.2					
Write informative/explanatory texts to examine a topic and convey ideas, concepts, and information through the selection, organization, and analysis of relevant content.		•		•	

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GRADE 6 (continued) English Language Arts Standards ¹	ACTIVITY				
	1	2	3	4	5
LANGUAGE					
CCSS.ELA-LITERACY.W.6.4 Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.		●		●	
Research to Build and Present Knowledge:					
CCSS.ELA-LITERACY.W.6.7 Conduct short research projects to answer a question, drawing on several sources and refocusing the inquiry when appropriate.		●			
CCSS.ELA-LITERACY.W.6.9 Draw evidence from literary or informational texts to support analysis, reflection, and research.		●	●	●	
SPEAKING AND LISTENING					
Comprehension and Collaboration:					
CCSS.ELA-LITERACY.SL.6.1 Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade 6 topics, texts, and issues, building on others' ideas and expressing their own clearly.		●	●		
CCSS.ELA-LITERACY.SL.6.2 Interpret information presented in diverse media and formats (e.g., visually, quantitatively, orally) and explain how it contributes to a topic, text, or issue under study.			●	●	
Presentation of Knowledge and Ideas:					
CCSS.ELA-LITERACY.SL.6.4 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.		●		●	
CCSS.ELA-LITERACY.SL.6.5 Include multimedia components (e.g., graphics, images, music, sound) and visual displays in presentations to clarify information.			●	●	
READING: INFORMATIONAL TEXT					
Key Ideas and Details:					
CCSS.ELA-LITERACY.RI.6.1 Cite textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text.				●	
CCSS.ELA-LITERACY.RI.6.2 Determine a central idea of a text and how it is conveyed through particular details; provide a summary of the text distinct from personal opinions or judgments.		●		●	
CCSS.ELA-LITERACY.RI.6.3 Analyze in detail how a key individual, event, or idea is introduced, illustrated, and elaborated in a text (e.g., through examples or anecdotes).				●	
Craft and Structure:					
CCSS.ELA-LITERACY.RI.6.4 Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings.				●	
Integration of Knowledge and Ideas:					
CCSS.ELA-LITERACY.RI.6.7 Integrate information presented in different media or formats (e.g., visually, quantitatively) as well as in words to develop a coherent understanding of a topic or issue.	●		●	●	

GRADE 7	ACTIVITY				
English Language Arts Standards*	1	2	3	4	5
LANGUAGE					
Conventions of Standard English:					
CCSS.ELA-LITERACY.L.7.1 Demonstrate command of the conventions of standard English grammar and usage when writing or speaking.	●	●	●	●	
Knowledge of Language:					
CCSS.ELA-LITERACY.L.7.3 Use knowledge of language and its conventions when writing, speaking, reading, or listening.	●	●	●	●	●
WRITING					
Text Type and Purposes:					
CCSS.ELA-LITERACY.W.7.1 Write arguments to support claims with clear reasons and relevant evidence.		●		●	
CCSS.ELA-LITERACY.W.7.2 Write informative/explanatory texts to examine a topic and convey ideas, concepts, and information through the selection, organization, and analysis of relevant content.		●		●	
Production and Distribution of Writing:					
CCSS.ELA-LITERACY.W.7.4 Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.		●		●	
Research to Build and Present Knowledge:					
CCSS.ELA-LITERACY.W.7.7 Conduct short research projects to answer a question, drawing on several sources and generating additional related, focused questions for further research and investigation.		●			
CCSS.ELA-LITERACY.W.7.9 Draw evidence from literary or informational texts to support analysis, reflection, and research.		●	●	●	
SPEAKING AND LISTENING					
Comprehension and Collaboration:					
CCSS.ELA-LITERACY.SL.7.1 Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade 7 topics, texts, and issues, building on others' ideas and expressing their own clearly.		●	●		
CCSS.ELA-LITERACY.SL.7.2 Analyze the main ideas and supporting details presented in diverse media and formats (e.g., visually, quantitatively, orally) and explain how the ideas clarify a topic, text, or issue under study.			●	●	
Presentation of Knowledge and Ideas:					
CCSS.ELA-LITERACY.SL.7.4 Present claims and findings, emphasizing salient points in a focused, coherent manner with pertinent descriptions, facts, details, and examples; use appropriate eye contact, adequate volume, and clear pronunciation.		●		●	
CCSS.ELA-LITERACY.SL.7.5 Include multimedia components and visual displays in presentations to clarify claims and findings and emphasize salient points.			●	●	

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GRADE 7 (continued)	ACTIVITY				
English Language Arts Standards*	1	2	3	4	5
READING: INFORMATIONAL TEXT					
Key Ideas and Details:					
CCSS.ELA-LITERACY.RI.7.1 Cite textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text.				●	
CCSS.ELA-LITERACY.RI.7.2 Determine two or more central ideas in a text and analyze their development over the course of the text; provide an objective summary of the text.		●		●	
CCSS.ELA-LITERACY.RI.7.3 Analyze the interactions between individuals, events, and ideas in a text (e.g., how ideas influence individuals or events, or how individuals influence ideas or events).				●	
Craft and Structure:					
CCSS.ELA-LITERACY.RI.7.4 Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings; analyze the impact of a specific word choice on meaning and tone.				●	

GRADE 8	ACTIVITY				
English Language Arts Standards*	1	2	3	4	5
LANGUAGE					
Conventions of Standard English:					
CCSS.ELA-LITERACY.L.8.1 Demonstrate command of the conventions of standard English grammar and usage when writing or speaking.	●	●	●	●	
Knowledge of Language:					
CCSS.ELA-LITERACY.L.8.3 Use knowledge of language and its conventions when writing, speaking, reading, or listening.	●	●	●	●	●
WRITING					
Text Type and Purposes:					
CCSS.ELA-LITERACY.W.8.1 Write arguments to support claims with clear reasons and relevant evidence.		●		●	
CCSS.ELA-LITERACY.W.8.2 Write informative/explanatory texts to examine a topic and convey ideas, concepts, and information through the selection, organization, and analysis of relevant content.		●		●	
Production and Distribution of Writing:					
CCSS.ELA-LITERACY.W.8.4 Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.		●		●	
Research to Build and Present Knowledge:					
CCSS.ELA-LITERACY.W.8.7 Conduct short research projects to answer a question (including a self-generated question), drawing on several sources and generating additional related, focused questions that allow for multiple avenues of exploration.		●			
CCSS.ELA-LITERACY.W.8.9 Draw evidence from literary or informational texts to support analysis, reflection, and research.		●	●	●	

GRADE 8 (continued) English Language Arts Standards*	ACTIVITY				
	1	2	3	4	5
SPEAKING AND LISTENING					
Comprehension and Collaboration:					
CCSS.ELA-LITERACY.SL.8.1 Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade 8 topics, texts, and issues, building on others' ideas and expressing their own clearly.		•	•		
CCSS.ELA-LITERACY.SL.8.2 Analyze the purpose of information presented in diverse media and formats (e.g., visually, quantitatively, orally) and evaluate the motives (e.g., social, commercial, political) behind its presentation.			•	•	
Presentation of Knowledge and Ideas:					
CCSS.ELA-LITERACY.SL.8.4 Present claims and findings, emphasizing salient points in a focused, coherent manner with relevant evidence, sound valid reasoning, and well-chosen details; use appropriate eye contact, adequate volume, and clear pronunciation.		•		•	
CCSS.ELA-LITERACY.SL.8.5 Include multimedia and visual displays into presentations to clarify information, strengthen claims and evidence, and add interest.			•	•	
READING: INFORMATIONAL TEXT					
Key Ideas and Details:					
CCSS.ELA-LITERACY.RI.8.1 Cite the textual evidence that most strongly supports an analysis of what the text says explicitly as well as inferences drawn from the text.				•	
CCSS.ELA-LITERACY.RI.8.2 Determine a central idea of a text and analyze its development over the course of the text, including its relationship to supporting ideas; provide an objective summary of the text.		•		•	
CCSS.ELA-LITERACY.RI.8.3 Analyze how a text makes connections among and distinctions between individuals, ideas, or events (e.g., through comparisons, analogies, or categories).	•		•	•	

Social Emotional Learning – CASEL Framework Grades 6-8 ²	ACTIVITY				
	1	2	3	4	5
Self-management: The abilities to manage one's emotions, thoughts, and behaviors effectively in different situations and to achieve goals and aspirations.	•	•			
Relationship skills: The abilities to establish and maintain healthy and supportive relationships and to effectively navigate settings with diverse individuals and groups.		•	•	•	

2. Collaborative for Academic, Social, and Emotional Learning (CASEL) Framework. © 2023 CASEL. All rights reserved.

Next Generation National Science Standards – Grades 6-8 ³	ACTIVITY				
	1	2	3	4	5
MS-ETS1-2 Engineering Design					
Evaluate competing design solutions using a systematic process to determine how well they meet the criteria and constraints of the problem.	•		•		
MS-ETS1-3 Engineering Design					
Analyze data from tests to determine similarities and differences among several design solutions to identify the best characteristics of each that can be combined into a new solution to better meet the criteria for success.			•		

3. © 2013 Next Generation Science Standards: For States, By States. Washington, DC: The National Academies Press.