



Next Generation Science Standards*
and
English Language Arts Common Core State Standards**
Grades 1-3

Next Generation Science Standards*				
GRADE 1	1	2	3	4
K-2-ETS1-2. Engineering Design: Develop a simple sketch, drawing, or physical model to illustrate how the shape of an object helps it function as needed to solve a given problem.		●	●	●
GRADE 2	1	2	3	4
K-2-ETS1-2. Engineering Design: Develop a simple sketch, drawing, or physical model to illustrate how the shape of an object helps it function as needed to solve a given problem.		●	●	●
2-PS1-1. Matter and Its Interactions: Plan and conduct an investigation to describe and classify different kinds of materials by their observable properties.			●	●
GRADE 3	1	2	3	4
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.		●	●	

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ENGLISH LANGUAGE ARTS COMMON CORE STATE STANDARDS**				
GRADE 1	1	2	3	4
Reading: Informational Text				
Key Ideas and Details				
1. Ask and answer questions about key details in a text.	●	●	●	●
Reading: Foundational Skills				
Phonics and Word Recognition				
3. Know and apply grade-level phonics and word analysis skills in decoding words.	●	●	●	●
Speaking and Listening				
Comprehension and Collaboration				
1. Participate in collaborative conversations with diverse partners about grade 1 topics and texts with peers and adults in small and larger groups.	●	●	●	●
1a. Follow agreed-upon rules for discussions (e.g., listening to others with care, speaking one at a time about the topics and texts under discussion).	●	●	●	●

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ENGLISH LANGUAGE ARTS COMMON CORE STATE STANDARDS**				
GRADE 1 (continued)	1	2	3	4
Speaking and Listening				
Comprehension and Collaboration				
1b. Build on others' talk in conversations by responding to the comments of others through multiple exchanges.	•	•	•	•
1c. Ask questions to clear up any confusion about the topics and texts under discussion	•	•	•	•
Language				
Vocabulary Acquisition and Use				
4. Determine or clarify the meaning of unknown and multiple-meaning word and phrases based on grade 1 reading and content, choosing flexibly from a range of strategies.	•	•	•	•

ENGLISH LANGUAGE ARTS COMMON CORE STATE STANDARDS**				
GRADE 2	1	2	3	4
Reading: Informational Text				
Craft and Structure				
4. Determine the meaning of words and phrases in a text relevant to a grade 2 topic or subject area.	•	•	•	•
5. Know and use various text features (e.g., captions, bold print, subheadings, glossaries, indexes, electronic menus, icons) to locate key facts or information in a text efficiently.	•	•	•	•
Reading: Foundational Skills				
Phonics and Word Recognition				
3. Know and apply grade-level phonics and word analysis skills in decoding words.	•	•	•	•
Speaking and Listening				
Comprehension and Collaboration				
1. Participate in collaborative conversations with diverse partners about grade 2 topics and texts with peers and adults in small and larger groups.	•	•	•	•
1a. Follow agreed-upon rules for discussions (e.g., gaining the floor in respectful ways, listening to others with care, speaking one at a time about the topics and texts under discussion)	•	•	•	•
1b. Build on others' talk in conversations by linking their comments to the remarks of others.	•	•	•	•
1c. Ask for clarification and further explanation as needed about the topics and texts under discussion	•	•	•	•
3. Ask and answer questions about what a speaker says in order to clarify comprehension, gather additional information, or deepen understanding of a topic or issue	•	•	•	•

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ENGLISH LANGUAGE ARTS COMMON CORE STATE STANDARDS**				
GRADE 2 (continued)	1	2	3	4
Language				
Knowledge of Language				
3. Use knowledge of language and its conventions when writing, speaking, reading, or listening.	•	•	•	•
Vocabulary Acquisition and Use				
4. Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grade 2 reading and content, choosing flexibly from an array of strategies.	•	•	•	•

ENGLISH LANGUAGE ARTS COMMON CORE STATE STANDARDS**				
GRADE 3	1	2	3	4
Reading: Informational Text				
Craft and Structure				
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.	•	•	•	•
5. Use text features and search tools (e.g., key words, sidebars, hyperlinks) to locate information relevant to a given topic efficiently.	•	•	•	•
Reading: Foundational Skills				
Phonics and Word Recognition				
3. Know and apply grade-level phonics and word analysis skills in decoding words.	•	•	•	•
Speaking and Listening				
Comprehension and Collaboration				
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.	•	•	•	•
1b. Follow agreed-upon rules for discussions (e.g., gaining the floor in respectful ways, listening to others with care, speaking one at a time about the topics and texts under discussion).	•	•	•	•
1c. Ask questions to check understanding of information presented, stay on topic, and link their comments to the remarks of others.	•	•	•	•
1d. Explain their own ideas and understanding in light of the discussion.	•	•	•	•
3. Ask and answer questions about information from a speaker, offering appropriate elaboration and detail.	•	•	•	•
Language				
Conventions of Standard English				
1. Demonstrate command of the conventions of standard English grammar and usage when writing or speaking.	•	•	•	•
Knowledge of Language				
3. Use knowledge of language and its conventions when writing, speaking, reading, or listening.	•	•	•	•

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ENGLISH LANGUAGE ARTS COMMON CORE STATE STANDARDS**

GRADE 3 (continued)	1	2	3	4
Vocabulary Acquisition and Use				
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.	•	•	•	•

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