### Grade Level | Common Core State Standards in ELA/Literacy
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**Grade 3**
- 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.
- 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.
- RF.3.3 Know and apply grade-level phonics and word analysis skills in decoding words.
- RF.3.4 Read with sufficient accuracy and fluency to support comprehension.
- W.3.1 Write opinion pieces on topics or texts, supporting a point of view with reasons.
- W.3.2 Write informative/explanatory texts to examine a topic and convey ideas and information clearly.
- W.3.7 Conduct short research projects that build knowledge about a topic.
- 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.
- 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.

**Grade 4**
- 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.
- 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.
- RF.4.3 Know and apply grade-level phonics and word analysis skills in decoding words.
- RF.4.4 Read with sufficient accuracy and fluency to support comprehension.
- W.4.1 Write opinion pieces on topics or texts, supporting a point of view with reasons and information.
- W.4.2 Write informative/explanatory texts to examine a topic and convey ideas and information clearly.
- W.4.7 Conduct short research projects that build knowledge through investigation of different aspects of a topic.
- 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.
- 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.
- SL.4.5 Add audio recordings and visual displays to presentations when appropriate to enhance the development of main ideas or themes.

**Grade 5**
- 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.
- RI.5.4 Determine the meaning of general academic and domain-specific words and phrases in a text relevant to a grade 5 topic or subject area.
- 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.
- RI.5.9 Integrate information from several texts on the same topic in order to write or speak about the subject knowledgeably.
- RF.5.3 Know and apply grade-level phonics and word analysis skills in decoding words.
- RF.5.4 Read with sufficient accuracy and fluency to support comprehension.
- W.5.1 Write opinion pieces on topics or texts, supporting a point of view with reasons and information.
- W.5.2 Write informative/explanatory texts to examine a topic and convey ideas and information clearly.
- W.5.7 Conduct short research projects that use several sources to build knowledge of different aspects of a topic.
- 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.
- 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.
- SL.5.5 Include multimedia components (e.g., graphics, sound) and visual displays in presentations when appropriate to enhance the development of main ideas or themes.
## Common Core State Standards Alignment Sheet

### Inventions, Inventors, You

All lessons in this book align to the following standards.

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<tr>
<th>Grade Level</th>
<th>Common Core State Standards in ELA/Literacy</th>
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| Grade 6     | 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.  
W.6.1 Write arguments to support claims with clear reasons and relevant evidence.  
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.  
W.6.7 Conduct short research projects to answer a question, drawing on several sources and refocusing the inquiry when appropriate.  
W.6.8 Gather relevant information from multiple print and digital sources; assess the credibility of each source; and quote or paraphrase the data and conclusions of others while avoiding plagiarism and providing basic bibliographic information for sources.  
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.  
SL.6.5 Include multimedia components (e.g., graphics, images, music, sound) and visual displays in presentations to clarify information. |
| Grade 7     | W.7.1 Write arguments to support claims with clear reasons and relevant evidence  
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.  
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.  
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.  
SL.7.5 Include multimedia components and visual displays in presentations to clarify claims and findings and emphasize salient points. |
| Grades 6-8  | RH.6-8.3 Identify key steps in a text’s description of a process related to history/social studies (e.g., how a bill becomes law, how interest rates are raised or lowered).  
RH.6-8.4 Determine the meaning of words and phrases as they are used in a text, including vocabulary specific to domains related to history/social studies.  
RH.6-8.7 Integrate visual information (e.g., in charts, graphs, photographs, videos, or maps) with other information in print and digital texts.  
RH.6-8.8 Distinguish among fact, opinion, and reasoned judgment in a text.  
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.  
WHST.6-8.1 Write arguments focused on discipline-specific content.  
WHST.6-8.2 Write informative/explanatory texts to examine a topic and convey ideas, concepts, and information through the selection, organization, and analysis of relevant content.  
WHST.6-8.7 Conduct short research projects to answer a question, drawing on several sources and refocusing the inquiry when appropriate.  
WHST.6-8.8 Gather relevant information from multiple print and digital sources; assess the credibility of each source; and quote or paraphrase the data and conclusions of others while avoiding plagiarism and providing basic bibliographic information for sources.  
WHST.6-8.9 Draw evidence from literary or informational texts to support analysis, reflection, and research. |