

LITERATURE & THOUGHT

# THE SCI-FI FACTOR



T E A C H E R   G U I D E

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# Literature & Thought

## The Sci-Fi Factor

### English Language Arts Standards » Reading: Literature » Grade 6 (RL)

#### Key Ideas and Details

1. Cite textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text.	<b>TG:</b> pp. 15–16, 18, 22, 31, 40, 42, 52 <b>IWL:</b> 1.1, 1.2
2. Determine a theme or 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.	<b>SB:</b> p. 120 <b>TG:</b> pp. 15–16, 37–38, 43, 44, 45–46, 49–50, 52 <b>IWL:</b> 1.1, 1.2, 3.1, 3.2, 3.3, 3.4, 4.1, 4.2
3. Describe how a particular story's or drama's plot unfolds in a series of episodes as well as how the characters respond or change as the plot moves toward a resolution.	<b>TG:</b> pp. 29, 40

#### Craft and Structure

4. Determine the meaning of words and phrases as they are used in a text, including figurative and connotative meanings; analyze the impact of a specific word choice on meaning and tone.	<b>SB:</b> pp. 10, 44, 120 <b>TG:</b> pp. 17, 21, 23–24, 25, 28, 32, 33, 36, 39, 40, 45–46, 47, 51, 52, 55, 56 <b>IWL:</b> 1.3, 1.4, 3.3, 3.4
5. Analyze how a particular sentence, chapter, scene, or stanza fits into the overall structure of a text and contributes to the development of the theme, setting, or plot.	<b>TG:</b> p. 54
6. Explain how an author develops the point of view of the narrator or speaker in a text.	<b>TG:</b> pp. 21, 32, 42

#### Integration of Knowledge and Ideas

7. Compare and contrast the experience of reading a story, drama, or poem to listening to or viewing an audio, video, or live version of the text, including contrasting what they "see" and "hear" when reading the text to what they perceive when they listen or watch.	<b>TG:</b> p. 19
8. (Not applicable to literature)	(Not applicable to literature)
9. Compare and contrast texts in different forms or genres (e.g., stories and poems; historical novels and fantasy stories) in terms of their approaches to similar themes and topics.	<b>SB:</b> p. 82 <b>TG:</b> pp. 34–35, 49–50 <b>IWL:</b> 2.3, 2.4, 4.1, 4.2

#### Range of Reading and Level of Text Complexity

10. By the end of the year, read and comprehend literature, including stories, dramas, and poems, in the grades 6–8 text complexity band proficiently, with scaffolding as needed at the high end of the range.	<b>SB:</b> The anthology includes texts of varying levels of complexity. <b>TG:</b> Suggestions for additional readings on pages 64–65 include selections that are challenging, average, and easy.
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### English Language Arts Standards » Reading: Informational Text » Grade 6 (RI)

#### Key Ideas and Details

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| 1. Cite textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text.   | <b>TG:</b> pp. 15–16<br><b>IWL:</b> 1.1, 1.2         |
| 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. | <b>TG:</b> pp. 15–16, 30, 55<br><b>IWL:</b> 1.1, 1.2 |
| 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).                | <b>TG:</b> p. 44                                     |

#### Craft and Structure

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| 4. Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings.                            | <b>SB:</b> p. 10<br><b>TG:</b> pp. 17, 25, 28, 30, 36, 39, 47 |
| 5. Analyze how a particular sentence, paragraph, chapter, or section fits into the overall structure of a text and contributes to the development of the ideas. | <b>TG:</b> p. 20  |
| 6. Determine an author's point of view or purpose in a text and explain how it is conveyed in the text.   | <b>TG:</b> pp. 30, 41   |

#### Integration of Knowledge and Ideas

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| 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. | <b>TG:</b> p. 20   |
| 8. Trace and evaluate the argument and specific claims in a text, distinguishing claims that are supported by reasons and evidence from claims that are not.                   | <b>TG:</b> p. 41   |
| 9. Compare and contrast one author's presentation of events with that of another (e.g., a memoir written by and a biography on the same person).                               | <b>SB:</b> p. 82<br><b>TG:</b> pp. 34–35, 53<br><b>IWL:</b> 2.3, 2.4 |

#### Range of Reading and Level of Text Complexity

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|---|---|
| 10. By the end of the year, read and comprehend literary nonfiction in the grades 6–8 text complexity band proficiently, with scaffolding as needed at the high end of the range. | <b>SB:</b> The anthology includes texts of varying levels of complexity.<br><b>TG:</b> Suggestions for additional readings on pages 64–65 include selections that are challenging, average, and easy. |
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## The Sci-Fi Factor

English Language Arts Standards » Writing » Grade 6 (W)	
Text Types and Purposes	
<p>1. Write arguments to support claims with clear reasons and relevant evidence.</p> <ul style="list-style-type: none"> <li>a. Introduce claim(s) and organize the reasons and evidence clearly.</li> <li>b. Support claim(s) with clear reasons and relevant evidence, using credible sources and demonstrating an understanding of the topic or text.</li> <li>c. Use words, phrases, and clauses to clarify the relationships among claim(s) and reasons.</li> <li>d. Establish and maintain a formal style.</li> <li>e. Provide a concluding statement or section that follows from the argument presented.</li> </ul>	<p><b>SB:</b> pp. 44, 82  <b>TG:</b> pp. 23–24, 34–35, 54  <b>IWL:</b> 1.3, 1.4, 2.3, 2.4</p>
<p>2. Write informative/explanatory texts to examine a topic and convey ideas, concepts, and information through the selection, organization, and analysis of relevant content.</p> <ul style="list-style-type: none"> <li>a. Introduce a topic; organize ideas, concepts, and information, using strategies such as definition, classification, comparison/contrast, and cause/effect; include formatting (e.g., headings), graphics (e.g., charts, tables), and multimedia when useful to aiding comprehension.</li> <li>b. Develop the topic with relevant facts, definitions, concrete details, quotations, or other information and examples.</li> <li>c. Use appropriate transitions to clarify the relationships among ideas and concepts.</li> <li>d. Use precise language and domain-specific vocabulary to inform about or explain the topic.</li> <li>e. Establish and maintain a formal style.</li> <li>f. Provide a concluding statement or section that follows from the information or explanation presented.</li> </ul>	<p><b>TG:</b> pp. 59, 60</p>
<p>3. Write narratives to develop real or imagined experiences or events using effective technique, relevant descriptive details, and well-structured event sequences.</p> <ul style="list-style-type: none"> <li>a. Engage and orient the reader by establishing a context and introducing a narrator and/or characters; organize an event sequence that unfolds naturally and logically.</li> <li>b. Use narrative techniques, such as dialogue, pacing, and description, to develop experiences, events, and/or characters.</li> <li>c. Use a variety of transition words, phrases, and clauses to convey sequence and signal shifts from one time frame or setting to another.</li> <li>d. Use precise words and phrases, relevant descriptive details, and sensory language to convey experiences and events.</li> <li>e. Provide a conclusion that follows from the narrated experiences or events.</li> </ul>	<p><b>TG:</b> p. 43</p>
Production and Distribution of Writing	
<p>4. Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience. (Grade-specific expectations for writing types are defined in standards 1–3 above.)</p>	<p><b>SB:</b> pp. 44, 82  <b>TG:</b> pp. 23–24, 33, 34–35, 61  <b>IWL:</b> 1.3, 1.4, 2.3, 2.4</p>

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## *The Sci-Fi Factor*

English Language Arts Standards » Writing » Grade 6 (W)	
5. With some guidance and support from peers and adults, develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach.	<b>TG:</b> p. 61
6. Use technology, including the Internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to type a minimum of three pages in a single sitting.	<b>TG:</b> pp. 20, 57
Research to Build and Present Knowledge	
7. Conduct short research projects to answer a question, drawing on several sources and refocusing the inquiry when appropriate.	<b>TG:</b> pp. 20, 26–27, 49–50, 57, 58 <b>IWL:</b> 2.1, 2.2, 4.1, 4.2
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.	<b>TG:</b> pp. 55, 57, 61
9. Draw evidence from literary or informational texts to support analysis, reflection, and research.	<b>SB:</b> 44, 82, 120, 143 <b>TG:</b> pp. 26–27, 49–50, 59, 60, 61 <b>IWL:</b> 2.1, 2.2, 4.1, 4.2
Range of Writing	
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.	<b>SB:</b> pp. 44, 82, 120, 143 <b>TG:</b> pp. 23–24, 34–35, 45–46, 57, 58, 60 <b>IWL:</b> 1.3, 1.4, 2.3, 2.4, 3.3, 3.4, 4.3, 4.4

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### English Language Arts Standards » Speaking and Listening » Grade 6 (SL)

#### Comprehension and Collaboration

<p>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.</p> <p>a. Come to discussions prepared, having read or studied required material; explicitly draw on that preparation by referring to evidence on the topic, text, or issue to probe and reflect on ideas under discussion.</p> <p>b. Follow rules for collegial discussions, set specific goals and deadlines, and define individual roles as needed.</p> <p>c. Pose and respond to specific questions with elaboration and detail by making comments that contribute to the topic, text, or issue under discussion.</p> <p>d. Review the key ideas expressed and demonstrate understanding of multiple perspectives through reflection and paraphrasing.</p>	<p><b>TG:</b> pp. 53, 58</p>
<p>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.</p>	<p><b>TG:</b> p. 57</p>
<p>3. Delineate a speaker's argument and specific claims, distinguishing claims that are supported by reasons and evidence from claims that are not.</p>	<p><b>TG:</b> p. 44</p>
<h4>Presentation of Knowledge and Ideas</h4>	
<p>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.</p>	<p><b>TG:</b> pp. 43, 61</p>
<p>5. Include multimedia components (e.g., graphics, images, music, sound) and visual displays in presentations to clarify information.</p>	<p><b>TG:</b> pp. 20, 53, 57, 58, 61</p>
<p>6. Adapt speech to a variety of contexts and tasks, demonstrating command of formal English when indicated or appropriate.</p>	<p><b>TG:</b> pp. 40, 61</p>

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All Standards Correlated by Selection >> Grade 6					
Content	Pages	RL <i>ELA Reading Literature</i>	RI <i>ELA Reading Informational Text</i>	W <i>ELA Writing</i>	SL <i>ELA Speaking and Listening</i>
Concept Vocabulary	SB: p. 10	RL.6.4	RI.6.4		
<b>Cluster One: What's the "Science" in Science Fiction?</b>					
Teaching the Critical Thinking Skill: Analyzing	TG: pp. 15–16 IWL: 1.1., 1.2	RL.6.1 RL.6.2	RI.6.1 RI.6.2		
Cluster One Vocabulary	TG: p. 17	RL.6.4	RI.6.4		
Backward Step, Paul Jennings	TG: p. 18	RL.6.1			
Robot Dreams, Isaac Asimov	TG: p. 19	RL.6.7			
Terraforming Mars, Margarita Marina and Christopher P. McKay	TG: p. 20		RI.6.5	W.6.6 W.6.7	SL.6.5
A Martian Sends a Postcard Home, Craig Raine	TG: p. 21	RL.6.4 RL.6.6			
Mariana, Fritz Leiber	TG: p. 22	RL.6.1			
Responding to Cluster One Writing Activity: Yes/No: We Should Terraform Mars	SB: p. 44 TG: pp. 23–24 IWL: 1.3, 1.4	RL.6.4		W.6.1 W.6.4	
Cluster One Vocabulary Test	TG: p. 25	RL.6.4	RI.6.4		
<b>Cluster Two: Who's Out There?</b>					
Teaching the Critical Thinking Skill: Hypothesizing	TG: pp. 26–27 IWL: 2.1, 2.2			W.6.7 W.6.9	
Cluster Two Vocabulary	TG: p. 28	RL.6.4	RI.6.4		
Dark They Were, and Golden-Eyed, Ray Bradbury <i>CCSS Exemplar Author</i>	TG: p. 29	RL.6.3			
Project Blue Book, Government Report	TG: p. 30		RI.6.2 RI.6.4 RI.6.6		
What's Alien You?, Dave Barry	TG: p. 31	RL.6.1			
In Communication with a UFO, Helen Chasin	TG: p. 32	RL.6.4 RL.6.6			

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### All Standards Correlated by Selection >> Grade 6

Content	Pages	RL <i>ELA Reading Literature</i>	RI <i>ELA Reading Informational Text</i>	W <i>ELA Writing</i>	SL <i>ELA Speaking and Listening</i>
<b>Puppet Show,</b> Fredric Brown	<b>TG:</b> p. 33	RL.6.4		W.6.4	
<b>Responding to Cluster Two</b> Writing Activity: Hypothesis: There Are/Are Not Other Intelligent Beings in the Universe	<b>SB:</b> p. 82 <b>TG:</b> pp. 34–35 <b>IWL:</b> 2.3, 2.4	RL.6.9	RI.6.9	W.6.1 W.6.4	
<b>Cluster Two Vocabulary Test</b>	<b>TG:</b> p. 36	RL.6.4	RI.6.4		
<b>Cluster Three: What Can We Learn from Science Fiction?</b>					
<b>Teaching the Critical Thinking Skill:</b> Drawing Conclusions	<b>TG:</b> pp. 37–38 <b>IWL:</b> 3.1, 3.2	RL.6.2			
<b>Cluster Three Vocabulary</b>	<b>TG:</b> p. 39	RL.6.4	RI.6.4		
<b>The Star Beast,</b> Nicholas Stuart Gray	<b>TG:</b> p. 40	RL.6.1 RL.6.3 RL.6.4			SL.6.6
<b>From Science Fiction to Science Fact,</b> Julie Nobles	<b>TG:</b> p. 41		RI.6.6 RI.6.8		
<b>Lose Now, Pay Later,</b> Carol Farley	<b>TG:</b> p. 42	RL.6.1 RL.6.6			
<b>The Water Traders’ Dream,</b> Robert Priest	<b>TG:</b> p. 43	RL.6.2		W.6.3	SL.6.4
<b>The Helping Hand,</b> Norman Spinrad	<b>TG:</b> p. 44	RL.6.2	RI.6.3		SL.6.3
<b>Responding to Cluster Three</b> Writing Activity: Life’s Little Lessons	<b>SB:</b> p. 120 <b>TG:</b> pp. 45–46 <b>IWL:</b> 3.3, 3.4	RL.6.2 RL.6.4			
<b>Cluster Three Vocabulary Test</b>	<b>TG:</b> p. 47	RL.6.4	RI.6.4		
<b>Cluster Four: Thinking on Your Own</b>					
<b>Teaching the Critical Thinking Skill:</b> Synthesizing and Integrating	<b>TG:</b> pp. 49–50 <b>IWL:</b> 4.1, 4.2	RL.6.2 RL.6.9		W.6.7 W.6.9	
<b>Cluster Four Vocabulary</b>	<b>TG:</b> p. 51	RL.6.4			

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<b>Content</b>	<b>Pages</b>	<b>RL</b> <i>ELA Reading Literature</i>	<b>RI</b> <i>ELA Reading Informational Text</i>	<b>W</b> <i>ELA Writing</i>	<b>SL</b> <i>ELA Speaking and Listening</i>
<b>SQ,</b> Ursula K. Le Guin	<b>TG:</b> p. 52	RL.6.1 RL.6.2 RL.6.4			
<b>All Watched Over by Machines of Loving Grace,</b> Richard Brautigan	<b>TG:</b> p. 53		RI.6.9		SL.6.1 SL.6.5
<b>Minister Without Portfolio,</b> Mildred Clingerman	<b>TG:</b> p. 54	RL.6.5		W.6.1	
<b>The Choice,</b> W. Hilton-Young	<b>TG:</b> p. 55	RL.6.4	RI.6.2	W.6.8	
<b>Cluster Four Vocabulary Test</b>	<b>TG:</b> p. 56	RL.6.4			
<b>Additional Teacher Guide Resources</b>					
<b>Research, Writing, and Discussion Topics</b>	<b>TG:</b> p. 57			W.6.6 W.6.7 W.6.8 W.6.10	SL.6.2 SL.6.5
<b>Assessment and Project Ideas</b>	<b>TG:</b> p. 58			W.6.7 W.6.10	SL.6.1 SL.6.5
<b>Answering the Essential Question</b>	<b>TG:</b> p. 59			W.6.2 W.6.9	
<b>Essay Test</b>	<b>TG:</b> p. 60			W.6.2 W.6.9 W.6.10	
<b>Rubric for Project Evaluation</b>	<b>TG:</b> p. 61			W.6.4 W.6.5 W.6.8 W.6.9	SL.6.4 SL.6.5 SL.6.6
<b>Related Literature</b>	<b>TG:</b> pp. 64–65	RL.6.10	RI.6.10		