

**Side-by-Side of Oklahoma Science PASS and Reading for Literacy in Science and Technical Subjects  
Grades 6-8**

W.HST - Writing for Literacy in History/Social Studies, Science, and Technical Subjects

Grade	Strand	Standard #	Standard	Grade	Strand	Standard #	Standard
6,7,8	W.HST	Process 4.4	Accept or reject hypotheses when given results of an investigation.	8-Jun	W.HST	1	Text Types and Purposes: Write arguments focused on discipline-specific content.
6,7,8	W.HST	Process 4.5	Communicate scientific procedures and explanations.				
6,7,8	W.HST	Process 5.4	Formulate and evaluate explanations proposed by examining and comparing evidence, pointing out statements that go beyond evidence, and suggesting alternative explanations.				
6,7,8	W.HST	Process 3.4	Identify a testable hypothesis for an experiment.	6-8	W.HST	1.a	Text Types and Purposes: Introduce claim(s) about a topic or issue, acknowledge and distinguish the claim(s) from alternate or opposing claims, and organize the reasons and evidence logically.
6,7,8	W.HST	Process 4.3	Evaluate data to develop reasonable explanations, and/or predictions.				
6,7,8	W.HST	Process 4.4	Accept or reject hypotheses when given results of an investigation.				
6,7,8	W.HST	Process 5.3	Review data, summarize data, and form logical conclusions.	6-8	W.HST	1.b	Text Types and Purposes: Support claim(s) with logical reasoning and relevant, accurate data and evidence that demonstrate an understanding of the topic or text, using credible sources.
6,7,8	W.HST	Process 4.5	Communicate scientific procedures and explanations.	6-8	W.HST	1.c	Text Types and Purposes: Use words, phrases, and clauses to create cohesion and clarify the relationships among claim(s), counterclaims, reasons, and evidence.

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Grade	Strand	Standard #	Standard	Grade	Strand	Standard #	Standard
6,7,8	W.HST	Process 4.1	Report data in an appropriate method when given an experimental procedure or data.	6-8	W.HST	1.d	Text Types and Purposes: Establish and maintain a formal style.
6,7,8	W.HST	Process 4.4	Accept or reject hypotheses when given results of an investigation.	6-8	W.HST	1.e	Text Types and Purposes: Provide a concluding statement or section that follows from and supports the argument presented.
6,7,8	W.HST	Process 4.5	Communicate scientific procedures and explanations.				
6,7,8	W.HST	Process 5.3	Review data, summarize data, and form logical conclusions.				
6,7,8	W.HST	Process 4.5	Communicate scientific procedures and explanations.	6-8	W.HST	2	Text Types and Purposes: Write informative/explanatory texts, including the narration of historical events, scientific procedures/ experiments, or technical processes.
6,7,8	W.HST	Process 2.1	Use observable properties to place an object, organism, and/or event into a classification system (e.g., dichotomous keys).	6-8	W.HST	2.a	Text Types and Purposes: Introduce a topic clearly, previewing what is to follow; organize ideas, concepts, and information into broader categories as appropriate to achieving purpose; include formatting (e.g., headings), graphics (e.g., charts, tables), and multimedia when useful to aiding comprehension.
6,7,8	W.HST	Process 2.2	Identify properties by which a set of objects, organisms, and/or events could be ordered.				
6,7,8	W.HST	Process 4.1	Report data in an appropriate method when given an experimental procedure or data.				
6,7,8	W.HST	None		6-8	W.HST	2.b	Text Types and Purposes: Develop the topic with relevant, well-chosen facts, definitions, concrete details, quotations, or other information and examples.

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6,7,8	W.HST	None		6-8	W.HST	2.c	Text Types and Purposes: Use appropriate and varied transitions to create cohesion and clarify the relationships among ideas and concepts.
6,7,8	W.HST	Process 4.1	Report data in an appropriate method when given an experimental procedure or data.	6-8	W.HST	2.d	Text Types and Purposes: Use precise language and domain-specific vocabulary to inform about or explain the topic.
6,7,8	W.HST	Process 4.1	Report data in an appropriate method when given an experimental procedure or data.	6-8	W.HST	2.e	Text Types and Purposes: Establish and maintain a formal style and objective tone.
6,7,8	W.HST	Process 4.4	Accept or reject hypotheses when given results of an investigation.	6-8	W.HST	2.f	Text Types and Purposes: Provide a concluding statement or section that follows from and supports the information or explanation presented.
6,7,8	W.HST	Process 4.5	Communicate scientific procedures and explanations.				
6,7,8	W.HST	Process 5.3	Review data, summarize data, and form logical conclusions.				
6,7,8	W.HST	Process 4.1	Report data in an appropriate method when given an experimental procedure or data.	6-8	W.HST	4	Production and Distribution of Writing: Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.
6,7,8	W.HST	Process 4.5	Communicate scientific procedures and explanations.				

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6,7,8	W.HST	None		6-8	W.HST	5	Production and Distribution of Writing: 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, focusing on how well purpose and audience have been addressed.
6,7,8	W.HST	Process 5.2	Use technology to gather data and analyze results of investigations.	6-8	W.HST	6	Production and Distribution of Writing: Use technology, including the Internet, to produce and publish writing and present the relationships between information and ideas clearly and efficiently.
6,7,8	W.HST	Process 3.1	Ask questions about the world and design investigations that lead to scientific inquiry.	6-8	W.HST	7	Research to Build and Present Knowledge: 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.
6,7,8	W.HST	Process 5.2	Use technology to gather data and analyze results of investigations.				
6,7,8	W.HST	Process 5.2	Use technology to gather data and analyze results of investigations.	6-8	W.HST	8	Research to Build and Present Knowledge: Gather relevant information from multiple print and digital sources, using search terms effectively; assess the credibility and accuracy of each source; and quote or paraphrase the data and conclusions of others while avoiding plagiarism and following a standard format for citation.

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6,7,8	W.HST	Process 5.4	Formulate and evaluate explanations proposed by examining and comparing evidence, pointing out statements that go beyond evidence, and suggesting alternative explanations.	6-8	W.HST	9	Research to Build and Present Knowledge: Draw evidence from informational texts to support analysis reflection, and research.
6,7,8	W.HST	Process 4.5	Communicate scientific procedures and explanations.	6-8	W.HST	10	Range of Writing: Write routinely over extended time frames (time for 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.
6,7,8	W.HST	Process 5.3	Review data, summarize data, and form logical conclusions.				