

Subject: Science

Grade: 7th

Topics	CCSS Writing and Reading, State Goals & Objectives: (include numbers)	SBAC Claims, Depth of Knowledge (DOK), and Learning Essentials (include numbers)	Materials/ Resources
	<p>CCSS: W1. Write arguments focused on discipline-specific content.</p> <p>CCSS: W2. Write informative/explanatory texts, including the narration of historical events, scientific procedures/experiments, or technical processes.</p> <p>CCSS: W3. Not applicable; see note in CCSS handbook p.65</p> <p>CCSS: W4. Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.</p> <p>CCSS: W5. 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.</p> <p>CCSS: W6. Use technology, including the internet, to produce and publish writing and present the relationships between information and ideas clearly and efficiently.</p> <p>CCSS: W7. 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.</p> <p>CCSS: W8. Gather relevant information from multiple print and digital sources, using search terms effectively; assess the</p>	<p><u>Claim 1:</u> Students can read closely and analytically to comprehend a range of increasingly complex literary and informational texts.</p> <p><u>Claim 2:</u> Students can produce effective and well-grounded writing for a range of purposes and audiences.</p> <p><u>Claim 3:</u> Students can employ effective speaking and listening skills for a range of purposes and audiences.</p>	<p><i>Life Science- Glencoe Science</i></p> <p><i>Smarter Balanced Consortium website</i></p> <p><i>Idaho Department of Education</i></p>

	<p>credibility and accuracy of each source; and quote or paraphrase the data and conclusions of the others while avoiding plagiarism and following a standard format for citation.</p> <p>CCSS: W9. Draw evidence from informational texts to support analysis reflection, and research.</p> <p>CCSS: W10. 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.</p> <p>CCSS: R1. Cite specific textual evidence to support analysis of science and technical texts.</p> <p>CCSS: R2. Determine the central ideas or conclusions of a text; provide an accurate summary of the text distinct from prior knowledge or opinions.</p> <p>CCSS: R3. Follow precisely a multistep procedure when carrying out experiments, taking measurements, or performing technical tasks.</p> <p>CCSS: R4. Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 6-8 texts and topics.</p> <p>CCSS: R5. Analyze the structure an author uses to organize a text, including how the major sections contribute to the whole and to an understanding of the topic.</p> <p>CCSS: R6. Analyze the author’s purpose in providing an explanation, describing a procedure, or discussing an experiment in a text.</p>	<p><u>Claim 4: Students can engage in research/inquiry to investigate topics and to analyze, integrate, and present information.</u></p> <p><u>DOK 1: Remember:</u> Recall and reproduction</p> <p><u>DOK 2: Understand:</u> Working with skills & concepts</p> <p><u>DOK 3: Apply:</u> Short-term strategic thinking</p> <p><u>DOK 4: Analyze:</u> Extended strategic thinking</p>	
--	---	---	--

	<p>CCSS: R7. 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).</p> <p>CCSS: R8. Distinguish among facts, reasoned judgment based on research findings, and speculation in a text.</p> <p>CCSS: R9. Compare and contrast the information gained from experiments, simulations, video, or multimedia sources with that gained from reading a text on the same topic.</p> <p>CCSS: R10. By the end of grade 8, read and comprehend science/technical texts in the grades 6-8 text complexity band independently and proficiently.</p>		
<p>Unit 1</p> <p>Scientific Method and Classification</p>	<p>Idaho State Standards</p> <p>7.S.1.6 Understand Scientific Inquiry and Develop Critical Thinking Skills</p> <p>7.S.1.8 Understand Technical Communication</p> <p>7.S.5.2 Understand the Relationship between Science and Technology</p> <p>7.S.1.1 Understand Systems, Order, and Organization</p> <p>7.S.1.2 Understand Concepts and Processes of Evidence, Models and Explanations</p> <p>7.S.1.3 Understand Constancy, Change, and Measurement</p> <p>CCSS Writing Standards 1-10</p> <p>CCSS Reading Standards 1-10</p>	<p>1-3</p>	

Subject: Science

Grade: 7th

<p>Unit 2 Cells- Processes & Reproduction</p>	<p>7.S.1.1 Understand Systems, order and Organization 7.S.1.2 Understand Concepts and processes of Evidence, Models, and Explanations 7.S.1.8 Understand Technical Communication 7.S.1.3 Understand Constancy, Change, and Measurement 7.S.3.2 Understand the Relationship between Matter and Energy in Living Systems 7.S.3.3 Understand the Cell is the Basis of Form and Function for All Living Things 7.S.5.2 Understand the Relationship between Science and Technology CCSS Writing Standards 1-10 CCSS Reading Standards 1-10</p>	<p>1-4</p>	
<p>Unit 3 Heredity, DNA, Adaption & change Over Time</p>	<p>7.S.1.1 Understand Systems, order and Organization 7.S.1.2 Understand Concepts and processes of Evidence, Models, and Explanations 7.S.1.8 Understand Technical Communication 7.S.1.3 Understand Constancy, Change, and Measurement 7.S.3.2 Understand the Relationship between Matter and Energy in Living Systems 7.S.3.3 Understand the Cell is the Basis of Form and Function for All Living Things 7.S.5.2 Understand the Relationship between Science and Technology</p>	<p>1-4</p>	

Subject: Science

Grade: 7th

	<p>7.S.1.4 Understand the Theory that Evolution is a Process that Relates to the Gradual Changes in the Universe and of Equilibrium as a Physical State. CCSS Writing Standards 1-10 CCSS Reading Standards 1-10</p>		
<p>Unit 4 Human Body Systems: Skeletal Digestion Circulation Respiration Excretion Nervous Reproduction Muscular Immune</p>	<p>7.S.3.3 Understand the Cell is the Basis of Form and Function for All Living Things 7.S.5.2 Understand the Relationship between Science and Technology 7.S.1.1 Understand Systems, order and Organization 7.S.1.2 Understand Concepts and processes of Evidence, Models, and Explanations 7.S.1.3 Understand Constancy, Change, and Measurement 7.S.3.2 Understand the Relationship between Matter and Energy in Living Systems 7.S.1.4 Understand the Theory that Evolution is a Process that Relates to Gradual Changes in the Universe and of Equilibrium as a Physical State 7.S.3.1 Understand the Theory of Biological Evolution 7.S.5.3 Understand the Importance of Natural Resources and the Need to Manage and Conserve Them</p> <p>CCSS Writing Standards 1-10 CCSS Reading Standards 1-10</p>	<p>1-4</p>	