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| **Content Area** | Science | **Grade Level** | 6th Grade |
| **Course Name/Course Code** |  |
| **Standard** | **Grade Level Expectations (GLE)** | **GLE Code** |
| 1. Physical Science
 | 1. All matter is made of atoms, which are far too small to see directly through a light microscope. Elements have unique atoms and thus, unique properties. Atoms themselves are made of even smaller particles
 | SC09-GR.6-S.1-GLE.1 |
| 1. Atoms may stick together in well-defined molecules or be packed together in large arrangements. Different arrangements of atoms into groups compose all substances.
 | SC09-GR.6-S.1-GLE.2 |
| 1. The physical characteristics and changes of solid, liquid, and gas states can be explained using the particulate model
 | SC09-GR.6-S.1-GLE.3 |
| 1. Distinguish among, explain, and apply the relationships among mass, weight, volume, and density
 | SC09-GR.6-S.1-GLE.4 |
| 1. Life Science
 | 1. Changes in environmental conditions can affect the survival of individual organisms, populations, and entire species
 | SC09-GR.6-S.2-GLE.1 |
| 1. Organisms interact with each other and their environment in various ways that create a flow of energy and cycling of matter in an ecosystem
 | SC09-GR.6-S.2-GLE.2 |
| 1. Earth Systems Science
 | 1. Complex interrelationships exist between Earth’s structure and natural processes that over time are both constructive and destructive
 | SC09-GR.6-S.3-GLE.1 |
| 1. Water on Earth is distributed and circulated through oceans, glaciers, rivers, ground water, and the atmosphere
 | SC09-GR.6-S.3-GLE.2 |
| 1. Earth’s natural resources provide the foundation for human society’s physical needs. Many natural resources are nonrenewable on human timescales, while others can be renewed or recycled
 | SC09-GR.6-S.3-GLE.3 |
| **Colorado 21st Century Skills****Critical Thinking and Reasoning:** *Thinking Deeply, Thinking Differently***Information Literacy:** *Untangling the Web***Collaboration:** *Working Together, Learning Together***Self-Direction:** *Own Your Learning***Invention:** *Creating Solutions* | **Reading & Writing Standards for Literacy****in Science and Technical Subjects 6 - 12****Reading Standards** * Key Ideas & Details
* Craft And Structure
* Integration of Knowledge and Ideas
* Range of Reading and Levels of Text Complexity

**Writing Standards** * Text Types & Purposes
* Production and Distribution of Writing
* Research to Construct and Present Knowledge
* Range of Writing
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| **Unit Titles** | **Length of Unit/Contact Hours** | **Unit Number/Sequence** |
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| **Unit Title** |  | **Length of Unit** |  |
| **Focusing Lens(es)** |  | **Standards and Grade Level Expectations Addressed in this Unit** |  |
| **Inquiry Questions (Engaging- Debatable):**  |  |
| **Unit Strands** |  |
| **Concepts** |  |

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| **Generalizations****My students will Understand that…** | **Guiding Questions** **Factual Conceptual** |
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