|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **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 | | | | | |
| **Unit Titles** | | | **Length of Unit/Contact Hours** | | | **Unit Number/Sequence** | |
|  | | |  | | |  | |
|  | | |  | | |  | |
|  | | |  | | |  | |
|  | | |  | | |  | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Unit Title** |  | | | **Length of Unit** |  |
| **Focusing Lens(es)** |  | **Standards and Grade Level Expectations Addressed in this Unit** |  | | |
| **Inquiry Questions (Engaging- Debatable):** |  | | | | |
| **Unit Strands** |  | | | | |
| **Concepts** |  | | | | |

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

|  |  |
| --- | --- |
| **Critical Content:**  **My students will Know…** | **Key Skills:**  **My students will be able to (Do)…** |
|  |  |

|  |  |  |
| --- | --- | --- |
| **Critical Language:** includes the Academic and Technical vocabulary, semantics, and discourse which are particular to and necessary for accessing a given discipline.  EXAMPLE: A student in Language Arts can demonstrate the ability to apply and comprehend critical language through the following statement: *“Mark Twain exposes the hypocrisy of slavery through the use of satire.”* | | |
| **A student in \_\_\_\_\_\_\_\_\_\_\_\_\_\_ can demonstrate the ability to apply and comprehend critical language through the following statement(s):** | |  |
| **Academic Vocabulary:** |  | |
| **Technical Vocabulary:** |  | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Unit Title** |  | | | **Length of Unit** |  |
| **Focusing Lens(es)** |  | **Standards and Grade Level Expectations Addressed in this Unit** |  | | |
| **Inquiry Questions (Engaging- Debatable):** |  | | | | |
| **Unit Strands** |  | | | | |
| **Concepts** |  | | | | |

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

|  |  |
| --- | --- |
| **Critical Content:**  **My students will Know…** | **Key Skills:**  **My students will be able to (Do)…** |
|  |  |

|  |  |  |
| --- | --- | --- |
| **Critical Language:** includes the Academic and Technical vocabulary, semantics, and discourse which are particular to and necessary for accessing a given discipline.  EXAMPLE: A student in Language Arts can demonstrate the ability to apply and comprehend critical language through the following statement: *“Mark Twain exposes the hypocrisy of slavery through the use of satire.”* | | |
| **A student in \_\_\_\_\_\_\_\_\_\_\_\_\_\_ can demonstrate the ability to apply and comprehend critical language through the following statement(s):** | |  |
| **Academic Vocabulary:** |  | |
| **Technical Vocabulary:** |  | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Unit Title** |  | | | **Length of Unit** |  |
| **Focusing Lens(es)** |  | **Standards and Grade Level Expectations Addressed in this Unit** |  | | |
| **Inquiry Questions (Engaging- Debatable):** |  | | | | |
| **Unit Strands** |  | | | | |
| **Concepts** |  | | | | |

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

|  |  |
| --- | --- |
| **Critical Content:**  **My students will Know…** | **Key Skills:**  **My students will be able to (Do)…** |
|  |  |

|  |  |  |
| --- | --- | --- |
| **Critical Language:** includes the Academic and Technical vocabulary, semantics, and discourse which are particular to and necessary for accessing a given discipline.  EXAMPLE: A student in Language Arts can demonstrate the ability to apply and comprehend critical language through the following statement: *“Mark Twain exposes the hypocrisy of slavery through the use of satire.”* | | |
| **A student in \_\_\_\_\_\_\_\_\_\_\_\_\_\_ can demonstrate the ability to apply and comprehend critical language through the following statement(s):** | |  |
| **Academic Vocabulary:** |  | |
| **Technical Vocabulary:** |  | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Unit Title** |  | | | **Length of Unit** |  |
| **Focusing Lens(es)** |  | **Standards and Grade Level Expectations Addressed in this Unit** |  | | |
| **Inquiry Questions (Engaging- Debatable):** |  | | | | |
| **Unit Strands** |  | | | | |
| **Concepts** |  | | | | |

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

|  |  |
| --- | --- |
| **Critical Content:**  **My students will Know…** | **Key Skills:**  **My students will be able to (Do)…** |
|  |  |

|  |  |  |
| --- | --- | --- |
| **Critical Language:** includes the Academic and Technical vocabulary, semantics, and discourse which are particular to and necessary for accessing a given discipline.  EXAMPLE: A student in Language Arts can demonstrate the ability to apply and comprehend critical language through the following statement: *“Mark Twain exposes the hypocrisy of slavery through the use of satire.”* | | |
| **A student in \_\_\_\_\_\_\_\_\_\_\_\_\_\_ can demonstrate the ability to apply and comprehend critical language through the following statement(s):** | |  |
| **Academic Vocabulary:** |  | |
| **Technical Vocabulary:** |  | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Unit Title** |  | | | **Length of Unit** |  |
| **Focusing Lens(es)** |  | **Standards and Grade Level Expectations Addressed in this Unit** |  | | |
| **Inquiry Questions (Engaging- Debatable):** |  | | | | |
| **Unit Strands** |  | | | | |
| **Concepts** |  | | | | |

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

|  |  |
| --- | --- |
| **Critical Content:**  **My students will Know…** | **Key Skills:**  **My students will be able to (Do)…** |
|  |  |

|  |  |  |
| --- | --- | --- |
| **Critical Language:** includes the Academic and Technical vocabulary, semantics, and discourse which are particular to and necessary for accessing a given discipline.  EXAMPLE: A student in Language Arts can demonstrate the ability to apply and comprehend critical language through the following statement: *“Mark Twain exposes the hypocrisy of slavery through the use of satire.”* | | |
| **A student in \_\_\_\_\_\_\_\_\_\_\_\_\_\_ can demonstrate the ability to apply and comprehend critical language through the following statement(s):** | |  |
| **Academic Vocabulary:** |  | |
| **Technical Vocabulary:** |  | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Unit Title** |  | | | **Length of Unit** |  |
| **Focusing Lens(es)** |  | **Standards and Grade Level Expectations Addressed in this Unit** |  | | |
| **Inquiry Questions (Engaging- Debatable):** |  | | | | |
| **Unit Strands** |  | | | | |
| **Concepts** |  | | | | |

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

|  |  |
| --- | --- |
| **Critical Content:**  **My students will Know…** | **Key Skills:**  **My students will be able to (Do)…** |
|  |  |

|  |  |  |
| --- | --- | --- |
| **Critical Language:** includes the Academic and Technical vocabulary, semantics, and discourse which are particular to and necessary for accessing a given discipline.  EXAMPLE: A student in Language Arts can demonstrate the ability to apply and comprehend critical language through the following statement: *“Mark Twain exposes the hypocrisy of slavery through the use of satire.”* | | |
| **A student in \_\_\_\_\_\_\_\_\_\_\_\_\_\_ can demonstrate the ability to apply and comprehend critical language through the following statement(s):** | |  |
| **Academic Vocabulary:** |  | |
| **Technical Vocabulary:** |  | |