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| **Content Area** | Science | **Grade Level** | Kindergarten |
| **Course Name/Course Code** |  |
| **Standard** | **Grade Level Expectations (GLE)** | **GLE Code** |
| 1. Physical Science
 | 1. Objects can move in a variety of ways that can be described by speed and direction
 | SC09-GR.K-S.1-GLE.1 |
| 1. Objects can be sorted by physical properties, which can be observed and measured
 | SC09-GR.K-S.1-GLE.2 |
| 1. Life Science
 | 1. Organisms can be described and sorted by their physical characteristics
 | SC09-GR.K-S.2-GLE.1 |
| 1. Earth Systems Science
 | 1. The sun provides heat and light to Earth
 | SC09-GR.K-S.3-GLE.1 |
| **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* | **Intragrated Curriculum Design:** This intradisciplinary approach matches basic elements in each of the science strands – physical, life, earth systems sciences - forming overlaps in instruction of certain topics and concepts in an authentic integrated model. |
| **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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| **Critical Content:** **My students will Know…** | **Key Skills:****My students will be able to (Do)…** |
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| **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:** |  |