



Diamond Lake School District 76

Embrace Empower Excel Each Child Each Day

Grade: 5	Subject: Science	Trimester: 1
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Common Core State Standards	Specific Standards based targets: What do you want students to learn?	Assessment: How do you know they learned it?
<i>Asks and answers questions using key details in a text.</i>	<i>Ex: Students can ask and answer who, what, where, when, why and how questions to show that I understand stories.</i> <i>Identify the main topic of a multiparagraph text:</i>	<i>Formative and/or Summative Assessment</i>
<i>Describe the connections between events, ideas, or procedures.</i>	<i>Describe the connection between a series of historical events, scientific ideas or concepts or steps in technical procedures in a text.</i>	<i>Formative and/or Summative Assessment</i>
5 - ESS1 - 1 Support an argument that the gravitational force exerted by Earth on objects is directed down	Explain how gravity affects objects on Earth and in the Solar System	Common Formal Assessment - Scoring explanations by common rubric
5 - ESS1 - 1 Support an argument that differences in the apparent brightness of the sun compared to other stars is due to their relative distances from Earth	Explain how distance impacts a star's apparent brightness	Common Formal Assessment - Scoring explanations by common rubric

Grade: 5	Subject: Science	Trimester: 2
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Common Core State Standards	Specific Standards based targets: What do you want students to learn?	Assessment: How do you know they learned it?
<i>Asks and answers questions using key details in a text.</i>	<i>Ex: Students can ask and answer who, what, where, when, why and how questions to show that I understand stories.</i> <i>Identify the main topic of a multiparagraph text:</i>	<i>Formative and/or Summative Assessment</i>
<i>Describe the connections between events, ideas, or procedures.</i>	<i>Describe the connection between a series of historical events, scientific ideas or concepts or steps in technical procedures in a text.</i>	<i>Formative and/or Summative Assessment</i>
5-PS1-1 Develop a model to describe that matter is made of particles too small to be seen.	Create a model to show that matter is made of particles too small to be seen	Common Formative Assessment: Creating a model to demonstrate that matter is made of particles and scoring by rubric
5-PS1-1 Measure and graph quantities to provide evidence that regardless of the type of change that occurs when heating, cooling, or mixing substances, the total weight of matter is conserved.	Conduct investigations to identify materials and make observations about changes in matter	Common Formative Assessment: Evaluation of investigations/written explanations with common rubric.

Grade: 5	Subject: Science	Trimester: 3
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Common Core State Standards	Specific Standards based targets: What do you want students to learn?	Assessment: How do you know they learned it?
<i>Asks and answers questions using key details in a text.</i>	<i>Ex: Students can ask and answer who, what, where, when, why and how questions to show that I understand stories.</i> <i>Identify the main topic of a multiparagraph text:</i>	<i>Formative and/or Summative Assessment</i>
<i>Describe the connections between events, ideas, or procedures.</i>	<i>Describe the connection between a series of historical events, scientific ideas or concepts or steps in technical procedures in a text.</i>	<i>Formative and/or Summative Assessment</i>
5 - PS3 - 1 Use models to describe that energy in animals' food (used for body repair, growth, motion, and to maintain body warmth) was once energy from the sun. 5 - LS -1 Develop a model to describe the movement of matter among plants, animals, decomposers, and the environment	Build models to demonstrate how matter and energy move in ecosystems	Evaluation of models/written explanations with common rubric.
5 - ESS2 -1 Develop a model using an example to describe ways the geosphere, biosphere, hydrosphere, and/or atmosphere interact.	Develop models to show how Earth's systems interact	Evaluation of models/written explanations with common rubric.