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CW Middle School

Science 8 A

1. Exploring Earth-Mapping & Structure (25.00%)

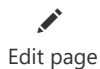
Learning Targets

1.1 I can develop a method to create a detailed map of a section of the Earth's surface while in the field.

Learning Target	Descriptor	Definition
4	Proficient	I can develop a method to create a detailed map of a section of the Earth's surface while in the field.
3	Developing	I can accurately measure distance by stride length, and record my details of the area.
2	Basic	I can match my stride length to a yard.
1	Minimal	I can count strides to determine a relative distance.
0	No Evidence	No evidence shown.

1.2 I can connect Earth's major systems, explain how they exchange matter and energy , and identify evidence that supports the composition of Earth's interior.

Learning Target	Descriptor	Definition
4	Proficient	I can connect Earth's major systems, explain how they exchange matter and energy , and identify evidence that supports the composition of Earth's interior.
3	Developing	I can describe how one substance (water) moves through each of the systems.
2	Basic	I can list examples of components of each system and Earth's interior.
1	Minimal	I can identify the major systems.
0	No Evidence	No evidence shown.



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2. Rocks & Minerals (25.00%)

Learning Targets

2.1 I can develop a model to describe the formation of minerals through the cycling of Earth's materials.

Learning Target	Descriptor	Definition
4	Proficient	I can develop a model to describe the formation of minerals through the cycling of Earth's materials.
3	Developing	I can describe the importance of minerals in my daily life.
2	Basic	I can classify properties used to identify minerals.
1	Minimal	I can distinguish ways minerals form.
0	No Evidence	No evidence shown.

2.2 I can develop a model to describe the formation of rocks through the cycling of Earth's materials.

Learning Target	Descriptor	Definition
4	Proficient	I can develop a model to describe the formation of rocks through the cycling of Earth's materials.
3	Developing	I can describe how rocks change form and type through the rock cycle.
2	Basic	I can identify and describe the three major types of rocks.
1	Minimal	I can identify how rocks are classified.
0	No Evidence	No evidence shown.



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Science 8 A

3. Weathering & Erosion (25.00%)


Learning Targets

3.1 I can construct an explanation based on evidence of how weathering & erosion have changed Earth's surface over time.

Learning Target	Descriptor	Definition
4	Proficient	I can construct an explanation based on evidence of how weathering & erosion have changed Earth's surface over time.
3	Developing	I can analyze how wind, water, mass wasting & glaciers cause erosion and deposition on Earth's surface.
2	Basic	I can identify the mechanical and chemical processes that break down rocks.
1	Minimal	I can evaluate whether erosion or deposition created a landform.
0	No Evidence	No evidence shown.

3.2 I can research, design and present a method to minimize the erosion of an area.

Learning Target	Descriptor	Definition
4	Proficient	I can research, design and present a method to minimize the erosion of an area.
3	Developing	I can analyze the outcomes and determine options to reduce soil erosion in an area (ex: shorelines)
2	Basic	I can understand the importance of erosion control.
1	Minimal	I can explain how soil forms and what determines its composition.
0	No Evidence	No evidence shown.



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4. Earth Dynamics (25.00%)

Learning Targets

4.1 I can identify the forces that create earthquakes and the factors that cause them to occur.

Learning Target	Descriptor	Definition
4	Proficient	I can identify the forces that create earthquakes and the factors that cause them to occur.
3	Developing	I can relate the forces that cause earthquakes to plate tectonics and recognize how they are monitored and reported.
2	Basic	I can identify where earthquakes are likely to occur.
1	Minimal	I can define an earthquake and key vocabulary associated with them.
0	No Evidence	No evidence shown.

4.2 I can identify Earth's volcanic regions based on plate boundaries and analyze factors that cause different eruption styles.

Learning Target	Descriptor	Definition
4	Proficient	I can identify Earth's volcanic regions based on plate boundaries and analyze factors that cause different eruption styles.
3	Developing	I can assess the factors that determine the eruption style of volcanoes and explain how they are classified.
2	Basic	I can identify Earth's volcanic regions on a map.
1	Minimal	I can define key terms associated with volcanoes.
0	No Evidence	No evidence shown.

Submitted on 7/26/2021 by Matt Buchman