

# Monday

JANUARY 1<sup>TH</sup>, 2016

E.SE.06.11 Explain how physical and chemical weathering lead to erosion and the formation of soils and sediments.

## Content Objective

SWBAT indentify the agents of physical change by completing a graphic organizer. (page 20)

## Language Objective

SW write the six agents of physical change using content specific vocabulary and examples from Lesson 2.

## Science Content Vocabulary

Weathering  
Abrasion Oxidation  
Surface Area  
(Pressure,  
Temperature,  
Wind, Water, Gravity,  
Plant/Animal Actions)  
Physical Weathering

## Connecting Vocabulary

Expands  
Wearing  
Processes  
Surface  
Composition  
Agents  
Dissolve  
Exposed  
Break, Broken, Breakdown

## Academic Vocabulary

Alternative  
Correlate  
Distinguish  
Principle  
Speculation  
Inquiry

# Tuesday

# JANURARY 12<sup>TH</sup>, 2016

E.SE.06.11 Explain how physical and chemical weathering lead to erosion and the formation of soils and sediments.

## Content Objective

SWBAT analyze the agents of physical weathering by completing a cause and effect graphic organizer.

## Language Objective

SW write the effects of the five agents of physical weathering on a graphic organizer using examples from our text.

## Science Content Vocabulary

Weathering  
Abrasion Oxidation  
Surface Area  
Physical Weathering  
Chemical Weathering  
Acid Precipitation

## Connecting Vocabulary

Expands  
Wearing  
Pressure  
Processes  
Surface  
Composition  
Agents  
Dissolve  
Exposed  
Break, Broken, Breakdown

## Academic Vocabulary

Alternative  
Correlate  
Distinguish  
Principle  
Speculation  
Inquiry

# Wednesday

# JANUARY 14<sup>TH</sup>, 2016

E.SE.06.11 Explain how physical and chemical weathering lead to erosion and the formation of soils and sediments.

## Content Objective

SWBAT compare and contrast chemical and physical weathering using a Venn diagram and attributes of each type of weathering.

## Language Objective

SW orally communicate an attribute of each type of weathering as well as a shared attribute using a sentence frame with their A/B partner.

## Science Content Vocabulary

Weathering  
Abrasion Oxidation  
Surface Area  
Physical Weathering  
Chemical Weathering  
Acid Precipitation

## Connecting Vocabulary

Expands  
Wearing  
Pressure  
Processes  
Surface  
Composition  
Agents  
Dissolve  
Exposed  
Break, Broken,  
Breakdown

## Academic Vocabulary

Alternative  
Correlate  
Distinguish  
Principle  
Speculation  
Inquiry

# Thursday

# JANUARY 15<sup>TH</sup>, 2016

E.SE.06.11 Explain how physical and chemical weathering lead to erosion and the formation of soils and sediments.

## Content Objective

SWBAT summarize the formation of the natural bridges in Arches National Park, Utah by placing captions on a “Ghostly Silhouettes” art project.

## Language Objective

SW write captions summarizing the formation of natural bridges using physical and chemical weathering concepts.

## Science Content Vocabulary

Weathering  
Abrasion  
Oxidation Surface  
Area  
Physical Weathering  
Chemical Weathering  
Acid Precipitation

## Connecting Vocabulary

Expands  
Wearing  
Pressure  
Processes  
Surface  
Composition  
Agents  
Dissolve  
Exposed  
Break, Broken, Breakdown

## Academic Vocabulary

Alternative  
Correlate  
Distinguish  
Principle  
Speculation  
Inquiry

**Friday**

**JANUARY 16<sup>TH</sup>, 2016**

E.SE.06.11 Explain how physical and chemical weathering lead to erosion and the formation of soils and sediments. (Analyze the effects)

**Content Objective**

SWBAT dramatize content specific weathering vocabulary in the “Name That Term” activity located on page 36.

**Language Objective**

SW orally identify content specific vocabulary dramatized by small groups of students during the “Name That Term” game.

**Science Content Vocabulary**

Weathering  
Abrasion  
Oxidation  
Surface Area  
Physical Weathering  
Chemical Weathering  
Acid Precipitation

**Connecting Vocabulary**

Expands  
Wearing  
Pressure  
Processes  
Surface  
Composition  
Agents  
Dissolve  
Exposed  
Break, Broken, Breakdown

**Academic Vocabulary**

Alternative  
Correlate  
Distinguish  
Principle  
Speculation  
Inquiry