

UNITED STATES MINT LESSON PLANS

“Camel Rock Jigsaw – Sandstone” Worksheet #1 chart

Name:

Directions: Research both sandstone and granite, their properties, uses and examples of each. Complete the chart.

Rock	Composition (What is it made of?)	Sedimentary, igneous, or metamorphic	How is it formed?	Uses	Where is it found?
Sandstone					
Granite					

“Camel Rock Jigsaw – Weathering and Erosion” Worksheet #2

Name:

Directions: Research weathering and erosion and answer the questions below.

What is weathering? What are 2 types of weathering?

What is erosion?

What is the difference between erosion and weathering?

What are some examples of weathering and erosion?

What are the negative outcomes of erosion and weathering?

What are some positive impacts of weathering and erosion?

“Camel Rock Jigsaw – Relief Maps” Worksheet #3

Name:

Directions: Research relief maps using the selected texts or websites and answer the following questions.

What are some different types of maps? What are they used for?

What is a relief map and what is it used for?

How does a relief map show elevation of the land and water?

How are a relief map and a topographic map similar and different?

Find some examples of relief maps.



“Camel Rock Exit Slip” Worksheet #4

Name:

Directions: Using the information from class, answer the following questions:

How does knowing about the properties of sandstone and the effects of weathering and erosion help you to hypothesize the formation of Camel Rock?

How would Camel Rock be different if it was made of granite?

How Camel Rock Formed sequence chain Worksheet #5

Name:

Directions: You will be working in groups of four. Your task is to research the formation of Camel Rock. There should be four steps to the formation. Fill in the sequence chain with the four steps. You will then create four relief maps that show the steps in the formation of Camel Rock. You will label each map with a short summary of what occurred on each map.

What are some other structures that were formed at the same time?

Shawnee National Forest Maps Rubric

Name:

CATEGORY	4	3	2	1	Self	teacher
Knowledge Gained	The student accurately used the maps to show the process in which Camel Rock was formed.	The student used the maps to show the process in which Camel Rock was formed.	The student used the maps to show some of the process in which Camel Rock was formed.	The student had difficulty using the maps to show the process in which Camel Rock was formed.		
Color Choices	The student always uses color appropriate for features on the maps.	The student usually uses color appropriate for features on the maps.	The student sometimes uses color appropriate for features on the maps.	The student does not use color appropriately.		
Labels - Accuracy	The student correctly labeled and located all of the items.	The student correctly labeled and located most of the items.	The student correctly labeled and located some of the items.	The student correctly labeled and located few of the items.		
Labels & Features - Neatness	All labels/features can be read easily.	Most of the labels/features can be read easily.	Some of the labels/features can be read easily.	Few of the labels/features can be read easily.		
Labels - Content	The labels accurately describe the process of the formation.	The labels describe the process of the formation.	The labels somewhat describe the process of the formation.	The labels do not accurately describe the process of the formation.		
Information Gathering	Student made excellent use of the research materials provided.	Student made good use of the research materials provided.	Student made use of the research materials provided.	Student made no use of the research materials provided.		

Student Reflection:

Teacher Reflection:

“Shawnee National Forest Exit Slip”

Name:

Directions: Using the information from class, answer the following questions:

Why is the geography of northern and southern Illinois so different? How did the glaciers play a role? Why is this so important to the existence of Camel Rock?

Shawnee National Forest Quarter



The United States of America

