

Outreach Education

Colorado National Monument

National Park Service
U.S. Department of the Interior



Rock Cycle & Landforms: Post-Field Trip Activity
(3rd Grade Rock Cycle Ramble)

Name _____

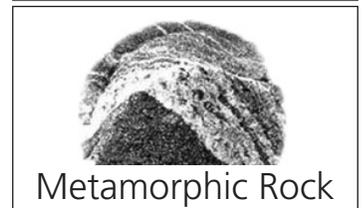
Rock Codes - *Crack the code* to complete the sentences below. Then **draw a line to match** each description with the correct rock type on the right.

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z

1. I was changed by heat and _____.



2. I am made of layers of _____
(broken pieces of rocks).



3. I started out as _____ (melted rock) below the Earth's crust.



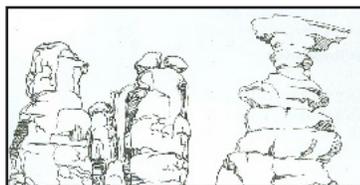
Landform Lingo - *Draw a line to match* the picture with the name and description of each landform. You will see these landforms on the field trip to Colorado National Monument.

Canyon: a deep, narrow valley in the earth with steep cliff walls.

Cliff: a vertical wall of rock.

Mesa: a flat-topped mountain.

Monolith: "Mono" = one, "Lith" = rock. Large rock towers.



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Rock Cycle & Landforms: Pre-Field Trip Activity
(3rd Grade Rock Cycle Ramble)

ANSWER KEY

Rock Codes - *Crack the code* to complete the sentences below. Then **draw a line to match** each description with the correct rock type on the right.



1. I was changed by heat and p r e s s u r e.



2. I am made of layers of s e d i m e n t
(broken pieces of rocks).



3. I started out as m a g m a (melted rock) below the Earth's crust.



Landform Lingo - *Draw a line to match* the picture with the name and description of each landform. You will see these landforms on the field trip to Colorado National Monument.

Canyon: a deep, narrow valley in the earth with steep cliff walls.

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Rock Cycle & Landforms: Post-Field Trip Activity
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Name _____

Canyon Rocks - On your hike to Devils Kitchen and No Thoroughfare Canyon you saw lots of rocks. Think back and draw three of the rocks you saw. Label the rocks **sedimentary**, **igneous** or **metamorphic** in the middle box. Write a sentence in the last box about how you knew what type of rock it was (some of your observations). *Note: you do not need to draw one of each type of rock.*

Rock Drawing	Type of Rock	How you knew/Observations

Sedimentary - rock made of layers of sediment compressed and cemented together

Igneous - rock made of cooled magma/lava

Metamorphic - rock changed by heat and pressure

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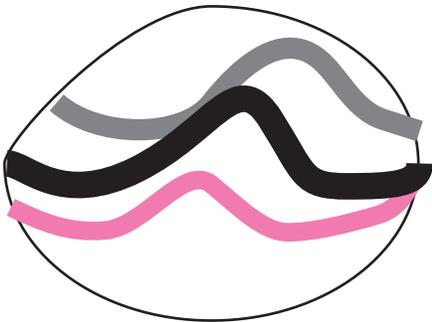
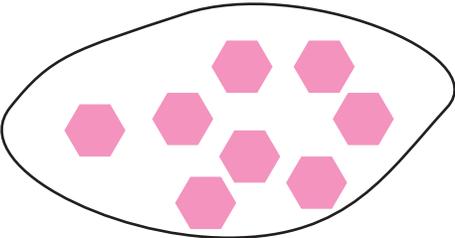
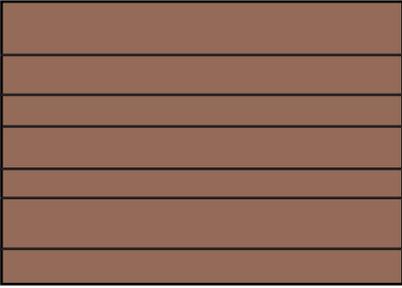


ANSWER KEY

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Rock Drawing	Type of Rock	How you knew/Observations
	Metamorphic	This rock has swirly layers of different colored minerals that look melty and squished.
	Igneous	This rock has large crystals of quartz and feldspar.
	sedimentary	This rock has layers of sand in it.

Sedimentary - rock made of layers of sediment compressed and cemented together

Igneous - rock made of cooled magma/lava

Metamorphic - rock changed by heat and pressure