



## SfS Away from the Classroom!

**SCIENCE**  
FROM SCIENTISTS

### ES09: The Rock Cycle (Recommended for Grades 3-5)

**Please use the following resources to learn about how rocks form, change, and break down!**

**Watch this Video:** <https://www.youtube.com/watch?v=G7xFfezsJ1s>

#### **Answer these questions:**

- What are the 3 main types of rocks?
- Where do Igneous rocks form?
- What two things does it take to make metamorphic rocks?
- Does the rock cycle have a single starting point?

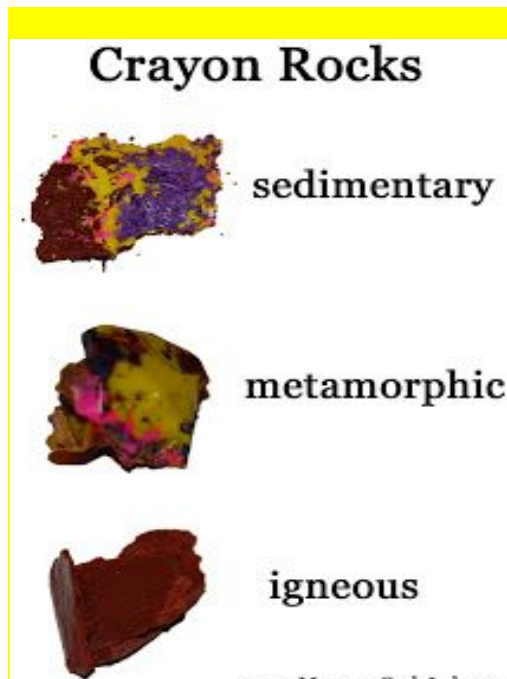
**Activities:** Follow the linked directions to use crayons to model the rock cycle!

You will need:

<ul style="list-style-type: none"><li>• Crayons (4-6 of each color, 4 color options, 2 light and 2 dark)</li><li>• A mug of boiling water (adult job)</li></ul>	<ul style="list-style-type: none"><li>• Crayon sharpener or cheese grater</li><li>• Aluminum foil squares (6 in x 6 in)</li></ul>	<ul style="list-style-type: none"><li>• Small containers to keep shaved crayons separate</li><li>• Popsicle stick or plastic knife for mixing</li></ul>
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<http://mommaowlslab.blogspot.com/2012/01/science-thursday-crayon-rocks.html>

Make sure you have an adult heat the water for you!



## **Make observations & use Claims, Evidence, and Reasoning!**

1. **Claim:** Sedimentary Rocks keep some of the structure of their pieces.

- **Evidence:**

- **Reasoning:**

2. **Claim:** Igneous Rocks have a uniform (same) structure throughout.

- **Evidence:**

- **Reasoning:**