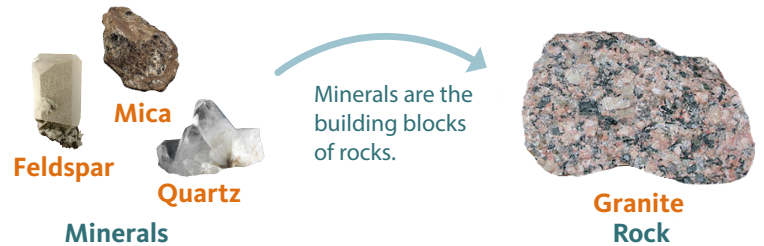




# STAY CONNECTED. STAY CURIOUS.

## Rock Recipes

All rocks are made up of a combination of minerals – they just have different recipes. Use the Rock Recipes to build “rocks” using “minerals” as ingredients.



### Materials Needed:

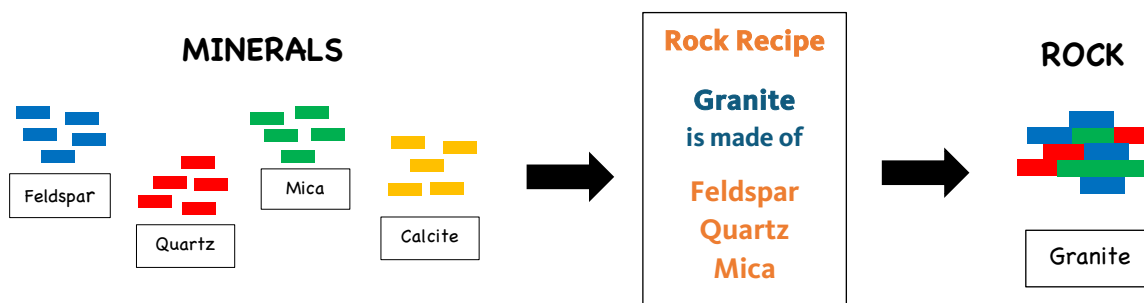
- Rock Recipes (listed below)
- Mineral Labels (printed or handwritten)
- “Minerals” – Interlocking blocks (like LEGO®s) in 4-6 different colors with at least 10 of each color

**Note:** This activity can also be done using different colored play dough (rolled into small pieces) or cutting different colored paper into pieces and gluing onto paper to make a rock, or by drawing rocks on paper using different colors to represent the different minerals.



### What to do:

1. Sort the minerals (blocks) into color piles and place a mineral label next to each pile.
2. Choose a Rock Recipe and build the rock by adding at least one block from all the different minerals in the recipe. You can make the rock as big or small as you want by adding more of each mineral.
3. Make a label for your rock or place the Rock Recipe next to it to remember its name.
4. Try another Rock Recipe!



### Share your rocks!

Post a picture on social media and tag the museum! #MuseumFromHome

- Tag us on Facebook: @oregonnaturalhistory
- Tag us on Instagram: @mnch\_uo
- Tag us on Twitter: @UO\_MNCH

## Mineral Labels and Rock Recipes

<p><u>Mineral</u></p> <p><b>Mica</b></p>	<p><u>Mineral</u></p> <p><b>Feldspar</b></p>
<p><u>Mineral</u></p> <p><b>Calcite</b></p>	<p><u>Mineral</u></p> <p><b>Pyroxene</b></p>
<p><u>Mineral</u></p> <p><b>Quartz</b></p>	<p><u>Mineral</u></p> <p><b>Olivine</b></p>
<p><u>Mineral</u></p> <p><b>Magnetite</b></p>	

Rock Recipe

# Granite

is made of

Feldspar

Quartz

Mica

Rock Recipe

# Marble

is made of

Quartz

Calcite

Rock Recipe

# Sandstone

is made of

Quartz

Rock Recipe

# Slate

is made of

Mica

Feldspar

Rock Recipe

# Basalt

is made of

Pyroxene

Feldspar

Olivine

Magnetite

Rock Recipe

# Peridotite

is made of

Olivine

Pyroxene