

# Part 1: Rock Cycle Activity

## Rock Cycle Instructions

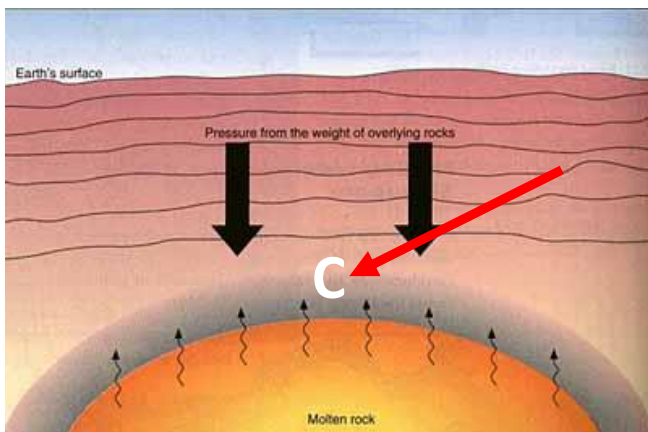
1. Place construction paper on table between group members and using a black marker label the top: Rock Cycle. Also be sure to put each group members name on the back.
2. Cut out the Rock Type's pictures (A, B, C) and tape/glue them on the construction paper (one in the middle at the top, one in the bottom left corner and one in the bottom right corner)
3. Figure out which Rock picture (Sandstone, Marble, Granite) represents igneous, metamorphic and sedimentary rock formation, cut out the pictures and glue them near the correct rock type.
4. Using a green marker draw lines and arrows to show the path within the rock cycle for each type of rock to become a **SEDIMENTARY ROCK**.
5. Using a red marker draw the lines and arrows to show the path within the rock cycle for each type of rock to become an **IGNEOUS ROCK**.
6. Using a blue marker draw the lines and arrows to show the path within the rock cycle for each rock type to become a **METAMORPHIC ROCK**.
7. Using each of the rock cycle term twice, use the appropriate color marker to write where they occur within the rock cycle.

## Rock Cycle Terms

- Magma – melted rock and sediment found within the earth and volcano
- Sediment – particles of rock, sand, gravel, clay,...
- Weathering/erosion – loosening and moving of sediment by water, ice, wind and gravity
- Deposition – particles settle to the bottom
- Cementation – small particles settling between sediments binding them together
- Compaction – packing together
- Melting – solid to liquid
- Cooling – decrease in temperature
- Heat – increase in temperature
- Pressure – force exerted upon something

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## Rock Types – Formation



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## Rocks

