

Rock Cycle Journey

For this activity, you have three main tasks:

1. You will be a rock journeying through the Rock Cycle! You will record each step of your journey in your class notebook.
2. You will draw a new diagram of the Rock Cycle in your notebook, but the only arrows on the diagram will follow your journey!
3. You will write a short story describing your journey.

Journey

- Start a new page in your notebook. Include the date, title (“Rock Cycle Journey”), and page number.
- At the top of the page, put the following column headers: “turn” and “station”.
- Under the “turn” column, you will number 1-20 down the left of your page. Under the “station” column you will write down the name of each station you visit each turn!
- There are 11 stations around the room for you to visit, you might not visit them all!
- Get a 6-sided die (d6) from your teacher, who will also assign you a starting station. Write down your starting station and go to it!
- For each turn, roll the 6-sided die, consult the station chart and follow the directions. Each turn, write down the station you are at. You might get “stuck” at the same station for a while, write it down each turn!
- Keep playing until your teacher tells you to stop! (should be about 25 minutes)

Diagram

- Draw a new Rock Cycle diagram in your notebook, but without any arrows at first. Be sure to include symbols/drawings for: Igneous Rock, Magma, Sedimentary Rock, Sediment, and Metamorphic Rock.
- Now, draw in arrows that show your journey through the Rock Cycle today! This will be your own personal Rock Cycle! If you get “stuck” at a particular station (which might be represented by a drawing or an arrow), write the number of turns you get stuck next to the drawing/arrow. Each turn represents 1,000 years!

Short Story

- Write a short story, from the perspective of a rock, about your journey through the Rock Cycle today.
- Use complete sentences, and make sure your writing is legible! If I can’t read it, your grade will drop!
- Write a minimum of one paragraph (5-6 full sentences), but use more sentences if you need to tell your whole story!
- Remember, each turn represents 1,000 years!