

Starburst- Rock Cycle Lab

Procedure:

1. Take your three different colored Starbursts and cut them into as many small pieces as you can.
2. Put the pieces into a pile and **draw what you observe in your sediment box on the rock cycle diagram.**
3. Pick up the sediments and gently push them together so they all form in to one piece.
4. Set the piece down and **draw what you observe in the sedimentary rock box on the rock cycle diagram.**
5. Now take your “sedimentary rock” and warm it in your hands for a while.
6. Place the paper and book on top of the warm “sedimentary rock” and press down on it.
7. Fold this “rock” in half and press down on it some more.
8. **Draw what you observe in the metamorphic rock box on the rock cycle diagram.**
9. Place your “metamorphic rock” on the piece of tin foil.
10. Turn on the hot plate and place the tin foil on the hot plate.
11. Observe the “metamorphic rock” as it melts.
12. **Draw what you observe in the magma box on your rock cycle diagram.**
13. Take your foil off the hot plate being careful not to spill the “magma”.
14. Set the “magma” on the table and observe it as it cools and hardens.
15. **Draw what you observe in the igneous box on your rock cycle diagram.**
16. take the hardened “igneous rock” and break it in to “sediments”

Analyze:

1. Draw the rock cycle diagram (label every arrow).
2. Explain why the rock cycle is a cycle.
3. Compare and Contrast the three main types of rocks.