

Edible Rock Cycle!

Supplies:

9 Starburst candies, 3 squares of wax paper, 3 squares of aluminum foil, access to an oven or toaster oven (for adult use)

How to Start:

For each type of rock you'll need to prepare by:

1. Unwrapping 3 starburst (use 3 different colors)
2. Place 1 piece of wax paper on top of 1 square of foil
3. Put the 3 Starburst in the middle of the paper
4. Roll the wax paper and foil over the starburst and form it around the Starburst
5. Follow the other instructions for each type of rock

Sedimentary Rocks:

What do we need to make sedimentary rocks? Pressure and Time!

1. Change the shape of the starburst with pressure (use your hands or other items to maintain pressure that flattens the stack)
2. Take the Starburst out of the foil and wax paper
3. What do you observe about your rocks? Are there defined layers?

Metamorphic Rocks:

What do we need to make metamorphic rocks?
Heat and Pressure!

1. Place another wrapped Starburst group into a preheated toaster oven or oven for about 2.5 minutes. You want them to get soft, not melt.
2. Remove from the oven and wrap in a towel
3. Apply pressure
4. Take the starburst out of the foil and wax paper
5. What do you observe about your rocks now?

Igneous Rocks:

What do we need to make igneous rocks?
Extreme Heat!

1. Place another wrapped Starburst group into a preheated toaster oven or oven for about 5-10 minutes. Make sure they don't burn!
2. Wait until it melts
3. Remove from the oven and open the foil to observe but make sure not to touch until cooled!
4. Make observations when it is taken out of the oven and when it cools!