

Candy Conglomerate Lab

Purpose: To study how rock particles can be turned into sedimentary rock.

TEKS: 6.10B

Materials: (Each group needs)

4 Hard candies

Hammer

Water

Small Bowl or medium beaker

cheese cloth, 20x20 cm

aluminum tray

quart size freezer bag

safety goggles

Advanced Directions:

1. Prepare the hammer for each group by taping a label to it that says "Abrasion by falling rocks from a cliff, or rolling rocks in a river."
2. Fill the bowl or beaker half full with water.
3. Give each group their supplies.

Student Directions:

1. Unwrap each piece of candy and place them inside the freezer bag.
2. Place the freezer bag in the aluminum tray.
3. Put on safety goggles!!!
4. Using the hammer, break the candy into small pebble size fragments.
5. Pour the candy fragments into the center of the cheese cloth square. Pull the corners of the cheese cloth up and together to form a candy fragment ball.
6. Dip the cheese cloth with candy fragments into the water and then lift it out of the water. Squeeze the fragments together with your hand.
7. Repeat the dipping and squeezing process until all of the candy fragments stick together forming a conglomerate rock.
8. Complete the student sheet for this lab.

