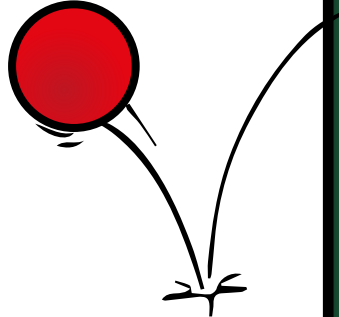


SIMPLE SCIENCE

EASY EXPERIMENTS YOU CAN DO AT HOME

BOUNCY BALL REACTION

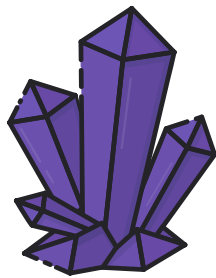
2 PAPER TOWELS
BOWL
1 TSP EPSOM SALTS
2 TSP WATER
PAPER CUP
SPOON
1 TBSP WHITE GLUE



Stack paper towels and then fold them in half twice. Place them in the bowl. Mix the epsom salts and water together in the cup. Stir this mixture until salt dissolves. Add the glue to the cup and stir thoroughly. Pour the contents of the cup into the center of the folded towels to soak up excess water. Peel the clump and roll into a ball. Ball should be bouncy.

OBSERVE CRYSTALS

SCISSORS
SHEET OF BLACK CONSTRUCTION PAPER
PLATE
3 OZ PAPER CUP
TAP WATER
2 TBSP TABLE SALT
SPOON
MAGNIFYING LENS



Cut a circle from the construction paper to fill the plate. Fill the cup three-fourths full. Add the salt and stir. Pour the mixture onto the paper and plate. Allow the paper to dry. After the paper dries, use the magnifying lens to observe the crystals on the paper.

DENSITY

1 GLASS JAR
WATER
BLUE FOOD COLORING
SPOON
ICE CUBE TRAY
CLEAR PLASTIC CUP
COOKING OIL



Fill the jar with water. Add 20 drops of food coloring and stir. Pour the colored water into the ice cube tray and place tray in the freezer until the water turns to ice. Fill the cup three-fourths full with oil. Remove one ice cube from the tray and place it in the cup of oil. Observe the position of the ice in the oil. Continue to observe what happens as the ice melts.

DECOMPOSITION

1 TSP SOIL
CLEAR CUP OR GLASS
1 TBSP HYDROGEN PEROXIDE



Place the soil in the glass. Pour hydrogen peroxide over the soil. Observe the immediate reaction and periodically for 1 or more hours.

KEEP A JOURNAL OF YOUR EXPERIMENT RESULTS AND OBSERVATIONS.

**** ALWAYS ASK AN ADULT BEFORE YOU BEING ANY EXPERIMENT.**