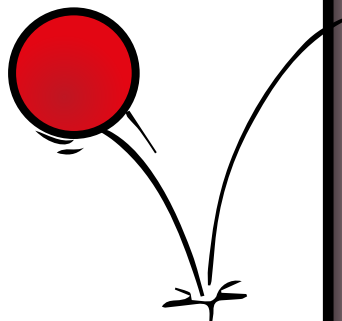


# SIMPLE SCIENCE

EASY EXPERIMENTS YOU CAN DO AT HOME

## BOUNCY BALL REACTION

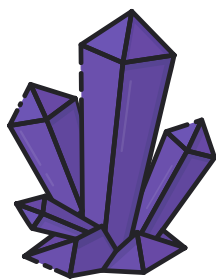
2 PAPER TOWELS  
BOWL  
1 TSP EPSOM SALTS  
2 TSP WATER  
PAPER CUP  
SPOON  
1 TBSP WHITE GLUE



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 as much 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

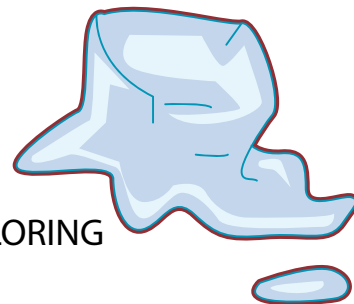
SCISSORS  
SHEET OF BLACK CONSTRUCTION PAPER  
PLATE  
3 OZ PAPER CUP  
TAP WATER  
2 TBSP TABLE SALT  
SPOON  
MAGNIFYING LENS



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.**