

Name _____ Date _____ Period _____

Physical vs. Chemical Changes Lab

Directions: At each lab station, you are to describe and/or draw the visual appearance before and after the activity is completed, state whether a chemical or physical change occurred, and support your conclusion.

Station #	Visual Appearance Before	Visual Appearance After	Circle chemical or physical change (circle one) and support answer (if chemical use one of the evidences of chemical change)
1			Chemical or physical
2			Chemical or physical
3			Chemical or physical
4			Chemical or physical

Station #	Visual Appearance Before	Visual Appearance After	Circle chemical or physical change (circle one) and support your answer (if chemical use one of the evidences of chemical change)
5			Chemical or physical
6			Chemical or physical
7			Chemical or physical
8			Chemical or physical

Station 1 - Cutting paper

1. Draw what the piece of paper looks like
2. Cut the paper in half
3. Draw what the paper now looks like

Station 2 - Dissolving sugar in water

1. Draw what the sugar and water look like
2. Put the sugar into the beaker of water and stir
3. Draw the sugar and water now look like
4. Clean up by pouring down the drain

Station 3 - Lighting splint on fire

1. Draw what the splint looks like
2. Light a match and light the splint on fire for 4 seconds
3. Draw what the splint now looks like
4. Throw out your trash

Station 4 - Boiling water

1. Draw what the still water looks like
2. Draw what the boiling water looks like

Station 5 - Baking soda and vinegar

1. Draw what the baking soda and vinegar look like
2. Mix a small amount of each in the test tube
3. Draw what the baking soda and vinegar now look like
4. Clean up by rinsing down the drain

Station 6 - Aluminum Foil

1. Draw what the sheet of aluminum foil looks like
2. Crumple the foil into a ball
3. Draw what the foil now looks like

Station 7 - Reaction

1. Draw what the two solutions looked like separately
2. Put two drops of each solution into the test tube
3. Draw what the solution now looks like

Station 8 - Food dye

1. Fill beaker with tap water
2. Draw what the water looks like and what the food dye looks like
3. Put 2 drops of food dye into the water
4. Draw what the food dye and water now look like
5. Clean up by rinsing out beaker down the drain