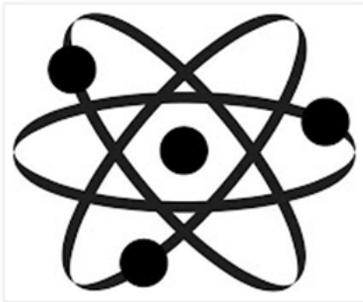




Physical vs. Chemical Changes



Information About Me

Gender (Circle One): Male Female Grade: _____

Are you part of a Military Family? (Circle One): Yes No

Race & Ethnicity (Circle any that apply):

White African-American or Black Asian

American Indian Pacific Islander Hispanic ethnicity



Each circled item is a different question. You will record answers for each item depending on if it was selected/circled.

1 = If circled, 0 = Not circled

Is _____
CIRCLE all that _____
is going through a CHEMICAL change

Bubbles (gas)

Nothing

Color change

Light is produced

Heat is released

The substance gets smaller

Change from solid to a liquid

Odor

Sound is produced

In data tabulation spreadsheet, for each question, enter:

1 = If answered correctly

0 = If answered incorrectly

XX = If left blank/not answered

Is it a physical or chemical change?

CIRCLE the correct type of change.

<u>PHYSICAL</u> or CHEMICAL	Mowing the grass.
PHYSICAL or <u>CHEMICAL</u>	Mixing flour, eggs, sugar, and baking a cake.
<u>PHYSICAL</u> or CHEMICAL	Rip a piece of paper in half.
PHYSICAL or <u>CHEMICAL</u>	Burn a piece of paper, creating ash around the edges.
PHYSICAL or <u>CHEMICAL</u>	Digesting your food.

TURN OVER PLEASE →





Physical vs. Chemical Changes



My favorite thing about this lesson:

In data tabulation spreadsheet, for each experiment/question, enter:

1 = If answered correctly

0 = If answered incorrectly

Experiments

What was observed?

Chemical or physical change or both?

Dancing Craisins	PHYSICAL or CHEMICAL or BOTH
Elephant Toothpaste	PHYSICAL or CHEMICAL or BOTH
Walking through Paper	PHYSICAL or CHEMICAL or BOTH

In data tabulation spreadsheet, for each question, enter:

1 = If answered correctly

0 = If answered incorrectly

XX = If left blank/not answered

Physical vs. Chemical Changes

Answer that fills in the blank for each question below.

1. In a _____ change, matter reacts with other matter and a new substance is made.

Physical **Chemical**

2. In a _____ change, a substance stays the same, just in a different form.

Physical Chemical

