



# Science Virtual Learning

# 8th Grade Science

May 1, 2020



8th Grade Science  
Lesson: May 1, 2020

**Objective/Learning Target:**  
**I can distinguish between physical and chemical changes.**



## Bellwork

1. Read [this article](#) over physical changes
2. Watch this [video over chemical change](#)
3. Answer these questions on a separate piece of paper.
  - a. How do I know it's a physical property?
  - b. How do I know it's a chemical change?
  - c. What's an example of a physical property?
  - d. What's an example of a chemical change?



## Today

1. Watch [this Bill Nye video](#) over chemical reactions!
2. Complete [this worksheet](#) as you watch! Check your answers on the last slide after you've completed it.
3. Complete [this Quizizz](#) as a review before moving on for today.

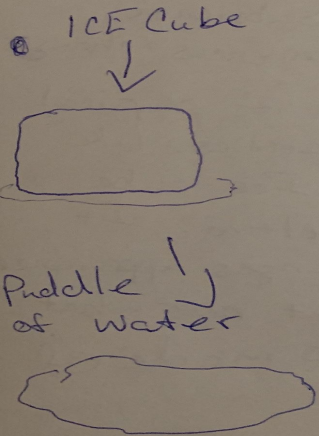


## Compare and Contrast Foldable

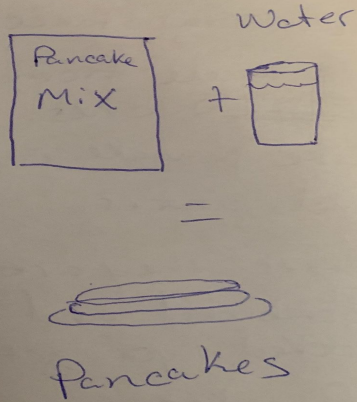
1. Take a piece of paper and lay it landscape/ hotdog style and fold the two sides inwards till they meet in the middle, like you are making a set of double doors.
2. Once you have it folded on the front of both sides that you just folded you will write the terms “physical change” and “chemical change” one on each side. Underneath where you wrote those two terms draw a picture of that particular change. (see example on next slide)
3. On the inside of the folds you will write the terms again (physical and chemical change) and then write the definition and an example underneath it.
4. In the middle of the inside you will make a bullseye venn diagram (pictured in the picture on the right on the next slide) where in the outer circles you will put the differences and on the inside you will put the similarities.
5. You can not use my example as your own.

# Compare and Contrast Foldable

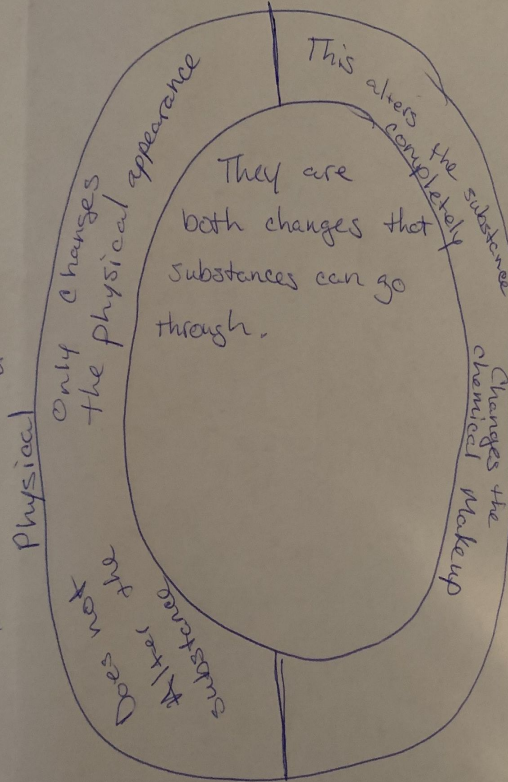
## Physical Change



## Chemical Change



Change  
 This is a change where a substance experiences changes in its physical properties. Like an Ice cube melting. It changes appearance but not what its made of



## Chemical Change

This is a change where a new substance is made from ~~existing~~ existing ones. Like pancake mix and water.  
 After they are combined and cooked you get Pancakes



# Answers

1. Bellwork Answers
  - a. Physical Properties are observable.
  - b. Chemical Change happens when two things are put together to form a new substance.
  - c. Example of physical property would be anything that we can use our senses for and can be observed. I can see that it is yellow. I feel that it is hot. Etc.
  - d. Example of chemical change is baking a cake.
2. Bill Nye [answers](#)