TODAY

- 1) notebooks
- 2) a demonstration
- 3) your group presents a whiteboard

Purpose: What are chemical changes?

Warm up:

PHYSICAL CHANGES are things like boiling, Freezing, and dissolving. These are called phase changes or physical changes.

Chemical Changes are any change that creates a new substance with new properties.

important part

Physical Changes vs Chemical Changes

East HS Chemistry

Mr. Genest



Period	
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In a physical change, the original substance still exists, It has only changed in form. In chemical change, a new substance is produced. Energy changes always accompar chemical changes.

Classify the following as being a physical or chemical change.

1. Sodium hydroxide dissolves in water. PHYSICAL

1.	CUST A PHASE CHANGE)
2.	Hydrochloric acid reacts with potassium hydroxide to produce a salt, water and heat. CHEMICAL
3.	A pellet of sodium is sliced in two.
4.	Water is heated and changed to steam.
5.	Potassium chlorate decomposes to potassium chloride and oxygen gas.
6.	Iron rusts.
7.	When placed in H_20 , a sodium pellet catches on fire as hydrogen gas is liberated a sodium hydroxide forms.
8.	Evaporation
	Ice melting
10.	Milk sours
11.	Sugar dissolves in water.
12.	Wood rotting
	Pancakes cooking on a griddle
14.	Grass growing in a lawn
	A tire is inflated with air.
16.	Food is digested in the stomach.
17.	Water is absorbed by a paper towel.