

September 21<sup>th</sup>, 2015 Physical Science (Day #18)

1. Hand back WKST on the Front Table
2. Student should hand in the USING MATH WKST
3. Counting Atoms in a chemical formula QUIZ
4. C2S3 Notes- Fill in the Blank Outline  
- Physical and Chemical Changes (Quiz over C2S2 & C2S3 tomorrow)
5. Assignment  
- Read and Vocabulary C2S4 "Energy and Matter" pages 58-61 (5)  
- Chapter 2 Test will be Thursday

Aug 31-10:23 PM

9-18 **Class Notes C2S3**

Examples of Physical Changes

- \* the crushing, ripping or tearing of object to change what it looks like
- \* not changing something into a different substance

Examples of Chemical Changes

- \* rusting, burning, the making of foam

Possible Evidence of a Chemical Change

- \* color, state change, volume, temp. change, appearance of bubbles or smell

No matter what type of change happens to a substance, is there any matter ever lost in the change?

**True according to the Law of Conservation of Matter.**

Sep 12-10:36 AM

**Counting Atoms**

- \* How many different types of atom are in each molecule?
- \* How many atoms are there of the different types?

Fe O<sub>3</sub>                      4 Na Cl<sub>3</sub>

2 H<sub>2</sub>O                        5 C<sub>4</sub>F<sub>2</sub>

Sep 17-12:47 PM

**C2S2**

Grade: «grade»  
Subject: Physical Science  
Date: «date»

Sep 11-10:09 AM

1 Your \_\_\_\_\_ is a measure of the force of gravity on you.

A weight  
B mass

Sep 11-9:59 AM

2 The amount of space that matter occupies is called its \_\_\_\_\_.

A volume  
B density  
C mass

Sep 11-10:06 AM

3 The formula for DENSITY is.... Density = mass/volume.  
 True  
 False

Sep 11-10:07 AM

4 What is the density of water? (This number determines whether or not an object sinks or floats.)

Sep 11-10:09 AM

5 The fact that matter is not created or destroyed in any chemical or physical change is called \_\_\_\_\_.  
 A chemical change  
 B physical change  
 C law of conservation of matter

Sep 12-8:41 AM

6 A change in matter that produces one or more new substances is called a \_\_\_\_\_.  
 A Physical Change  
 B Chemical Change

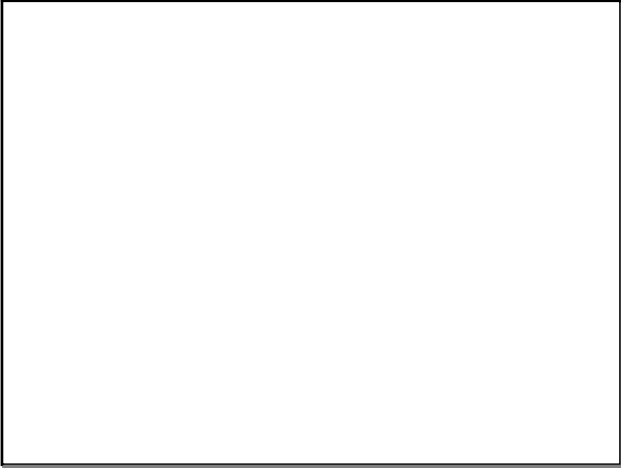
Sep 12-8:44 AM

7 \_\_\_\_\_ is the ability to do work or cause change.  
 A endothermic  
 B exothermic  
 C energy  
 D temperature

Sep 12-8:45 AM

8 A \_\_\_\_\_ change is a change where energy is taken in.  
 A thermal  
 B endothermic  
 C exothermic  
 D energy

Sep 12-9:05 AM



Sep 18-8:49 AM