Warm up 11.04.14

- Sit where you wish
- •Please take out your notebook for some c-notes
- Take out the Phases of Matter video sheet please

Goals for today:

- ✓ Announcements
 - ✓ Reflection
 - √C-notes
 - **✓** Exploration

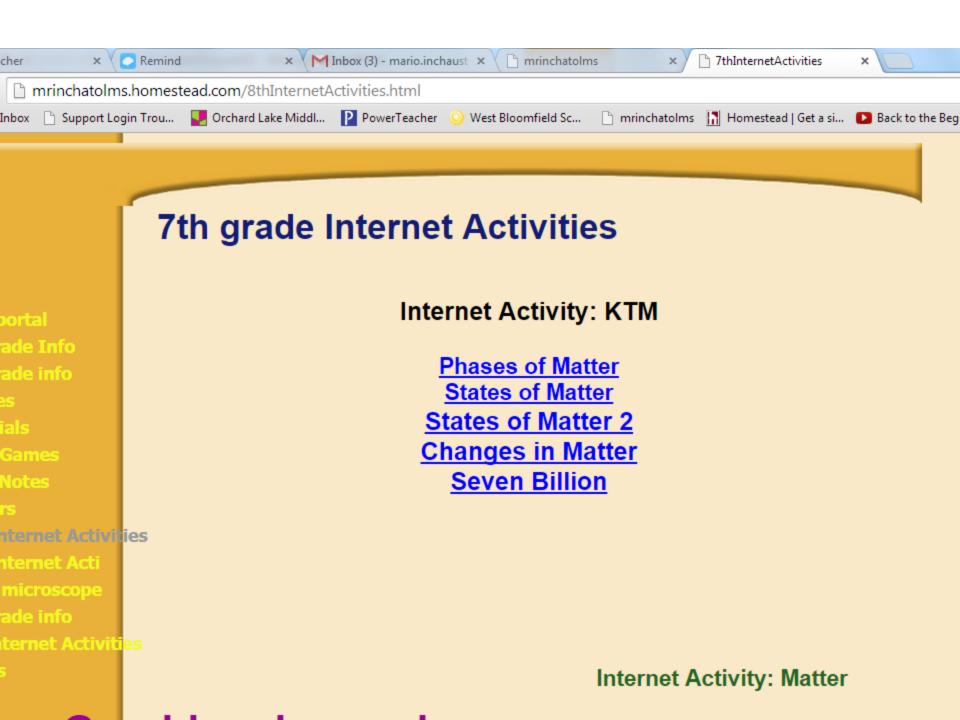
7th grade Anchor Questions Week 10 Questions Due: Friday, Nov. 7 Assessment date: 11.07

- 1. What are physical properties? Write three examples of physical changes.
- What is a physical change in matter? Write three examples of physical changes
- 3. Explain what happens to the molecules of a liquid when there is evaporation.
- 4. Explain what happens to the molecules of a gas when there is condensation.
- Explain what happens to the molecules of a liquid when there is freezing or solidification.
- 6. Explain what happens to the molecules of a solid when there is melting









Name	: Date:
	Bill Nye - Phases of Matter
Answe	r these questions DURING the video.
1.	The universe is made of It comes 3 ways:
	,, or a
2.	Getting things to change phase, we need to add
3.	Changing a solid to a liquid to a gas requires
4.	What are the three phases of water? and
5.	78% of our air is
6.	How does Maggie Stead make "fizz" in the Coca-Cola cans?

Answe	er these questions AFTER the video.
7.	How would you change liquid water into ice? Be sure to explain what is happening to the ENERGY (the heat)!
8.	How does heating ice change it from a solid (ice) to a liquid (water) to a gas (water vapour).

What is a "property"?

Properties...of matter. Properties allow you to identify matter: Examples:

Sugar- white, crystals, no odor, "sweet"
Salt- white, crystals, no odor, "salty"

What is a physical property?

Physical properties: Properties that do not change the matter, they can be observed or measured **Examples of physical** properties are: color, smell, freezing point, boiling point, melting point, attraction (paramagnetic)...

What is a physical change?

Physical Changes Definition: A physical change is where the matter changes only in shape, state or size but still has the same properties

What is a physical change?

Physical Changes Examples: a)Boiling water- liquid changes to gas. (STILL **H2O)** b)Sugar is "crushed" to make "powdered" sugar (STILL is sugar...)

1-Go to mrinchatolms.homestead.com 2-Click on Class Notes 3-Copy the c-notes in your notebook (you have 10 minutes)