Name:_	
	Physical and Chemical Changes Webquest
Use the	e following links to answer the questions asked below.
Part 1: https://	Go to: /chem.libretexts.org/Core/Analytical_Chemistry/Qualitative_Analysis/Chemical_Change_vsPhysical_Change_
	The difference between a physical change and a chemical reactions is Describe what happens during a chemical reaction.
3.	Describe what happens during a physical change.
4.	List 5 common examples of a physical change: a
5.	List 5 common examples of a chemical reaction:
6.	a c e e s b d Is a change in color always indicative of a chemical reaction? Why or why not?
7.	Give an example of how a change in texture is only a physical change.
8.	Give an example of how a change in shape is only a physical change.
9.	Give an example of how a change in state is only a physical change.
10.	Fill-in the table below on state changes: Solid → Liquid

Liquid → Gas

Liquid → Solid

Gas → Liquid

Solid → Gas

If heat is added to a substance, such as in melting, vaporization, and sublimation, the process is In this instance, heat is increasing the speed of the molecules causing
them move faster.
If heat is removed from a substance, such as in freezing and condensation, then process is
In this instance, heat is decreasing the speed of the molecules causing
them move slower.
Define Luster.
How do you determine whether an object will sink or float using density?
Define Viscosity.
Give an example of how a change in odor is indicative of a chemical change.
Define Precipitate.
Give an example of how the formation of a precipitate is a chemical change.
When bubbles form during a chemical reaction, what is being made?
Give an example of how the formation of bubbles is a chemical change.
Go to: http://novella.mhhe.com/sites/dl/free/007869387x/280088/E03.html
you begin the virtual lab read the information on the left side of the screen. Then, answer these questions:
In your own words, what is a physical property?
Draw a concept map of at least 4 physical properties that describe matter.

24. Dra	aw a coi	ncept map of a	t least 4 chemica	al properties tha	t describe mat	ter.	
Read the Pr	rocedur	e on the left si	de of the screen	. Fill-in the char	ts below as vou	u complete the	virtual lab
	Event	Describe matter prior	Describe shape change	Describe color change	Describe bubbles	Describe odor produced	Describe heat given off
	1	to change			formed		
	2						
	3						
	4						
	Event	Describe size change	Describe change of state	Describe new substance formed	Describe sound produced	Describe light produced	Is it a physical or chemical change?
	1						
	2						
	3						
	4						
	4						

23. In your own words, what is a chemical property?

After you complete the virtual lab, answer the following ${\bf q}$	uestions:						
25. Is evaporation of water a physical or chemical cha	nge? Explain why.						
26. Give an example of a physical change that you encounter every day.							
27. Give an example of a chemical change that you encounter every day.							
28. Explain how a burning candle can be both a physical and a chemical change.							
29. Draw a Venn diagram to compare and contrast the physical and chemical properties of matter.							
Part 3: Go to: https://www.quia.com/quiz/303980.html							
Take the physical or chemical change quiz. Place each of t	he examples given into the correct category below.						
Physical Change	Chemical Change						