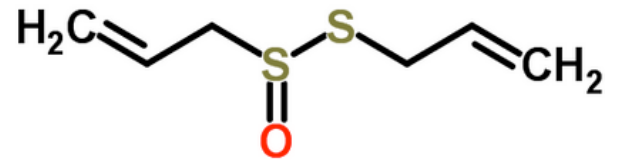
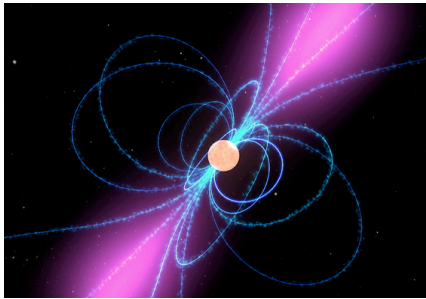
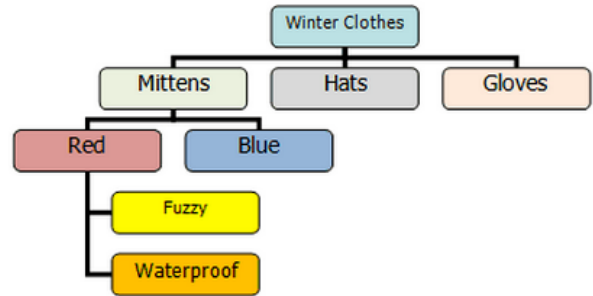
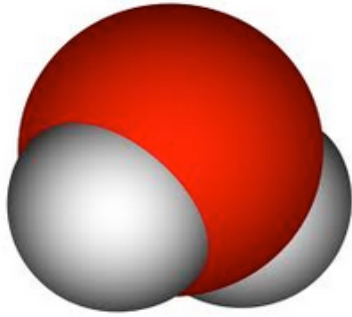


Picture Match Words

Molecule	Classify
Split	Combine
Pulsar	Compound
Physical property	Supernova
Nebula	Chemical property

Picture Match Board



- Cut
- Folded
- Written On
- Painted



Spelling Pyramid

Bond B Bo Bon Bond	Nebula(e)
Molecule	Split
Compound	Combine
Chemical property (ies)	Physical property (ies)
Supernova	Classify

Write 2 sentences using the words from the spelling pyramid:

1. _____

2. _____

Card game

<p>Pulsar: a type of star that gives off a rapidly repeating series of radio waves</p>	<p>Molecule: the smallest possible amount of a substance with all the characteristics of that substance</p>
<p>Nebula (nebulae): a cloud of gas, mostly made up of nitrogen, or dust in space</p>	<p>Split: to separate or divide into parts or groups</p>
<p>Classify: to consider (someone or something) as belonging to a particular group</p>	<p>Chemical property: a property that DOES change the chemical nature of matter (reactivity with water)</p>
<p>Combine: to mix (two or more things) together to form a single thing</p>	<p>Supernova: the explosion of a star that causes the star to become extremely bright</p>
<p>Physical property: a measurable or descriptive property of something (color, softness); [chemistry] a property that does NOT change the chemical nature of matter</p>	<p>Compound: something that is formed by combining two or more parts; [chemistry] a substance created when the atoms of two or more chemical elements join together</p>

Jeopardy

- a. Round 1: “Jeopardy” (Materials: the Wednesday set for the host)
 - i. The class splits into two teams + 1 person is the game host
 - ii. 1 person from each team stands approaches the host’s table.
 - iii. The host reads a word, the first person who “pushes a button” gets to provide the word definition. The correct definition gets the team a point.
 - iv. The game continues until all words have been used.
- b. Round 2: Each team gets a set of 4 key vocab words and blank sentence strip. The teams are asked to develop sentences using the key words. Each scientifically (1pt) + grammatically correct (1pt) sentence gets the team 2 points.

Friday

- c. Quiz
- d. Grade own understanding (using the Vocab Journal on a scale of 1-4)

Answer Key

#	Sentence	Letter	Correct
1.	When a Giant star collapses (decreases in size) as it dies, it causes a huge extremely bright explosion called a <u>Supernova</u> .	E	
2.	Elements can combine to form substances called <u>compounds</u> .	C	
3.	Diverse gas make-up, brightness and size also help <u>classify</u> the separate star types.	A	
4.	117 types of atoms <u>combine</u> in different ways to make all the matter in the universe.	B	
5.	The <u>physical properties</u> of sodium include: being soft and having a silvery color.	D	
6.	Large clouds of gas and dust, mostly made up of hydrogen, are called <u>nebulae</u> .	A	
7.	A star spinning very fast and giving out huge pulses of radiation is called a <u>pulsar</u> .	E	
8.	A drop of water can be <u>split down</u> to a single molecule of water.	D	
9.	A <u>molecule</u> of carbon dioxide is made up of one carbon atom and two oxygen atoms.	C	
10.	The <u>chemical properties</u> of sodium include: being able to explosively react with water.	B	

Name _____ Date _____

Using the Word Bank, choose the best word (or phrase) that matches each sentence. Write the word on the line and put the corresponding letter in the space provided.

Part A

A. classify	D. physical properties
B. combine	E. Supernova
C. compounds	

#	Sentence	Letter	Correct
1.	When a Giant star collapses (decreases in size) as it dies, it causes a huge extremely bright explosion called a _____.		
2.	Elements can combine to form substances called_____.		
3.	Diverse gas make-up, brightness and size also help _____ the separate star types.		
4.	117 types of atoms _____ in different ways to make all the matter in the universe.		
5.	The _____ of sodium include: being soft and having a silvery color.		

Part B

A. nebulae	D. split down
B. chemical properties	E. pulsar
C. molecule	

#	Sentence	Letter	Correct
6.	Large clouds of gas and dust, mostly made up of hydrogen, are called_____.		
7.	A star spinning very fast and giving out huge pulses of radiation is called a _____.		
8.	A drop of water can be _____ to a single molecule of water.		
9.	A _____ of carbon dioxide is made up of one carbon atom and two oxygen atoms.		
10	The _____ of sodium include: being able to explosively react with water.		
Total correct			___/10

Name _____ Date _____

Bubble Answer Sheet

A



C

D

Part A

- | | | | | |
|----|-------------------------|-------------------------|-------------------------|-------------------------|
| 1. | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D |
| 2. | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D |
| 3. | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D |
| 4. | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D |

Part B

- | | | | | |
|----|-------------------------|-------------------------|-------------------------|-------------------------|
| 2. | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D |
| 3. | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D |
| 4. | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D |
| 5. | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D |