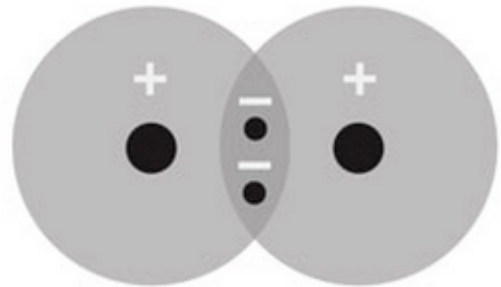
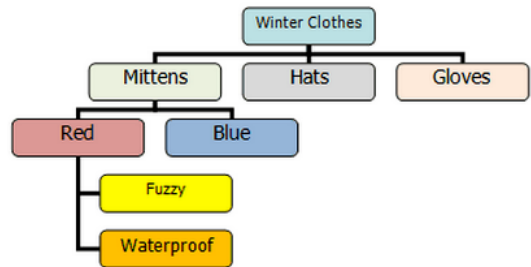
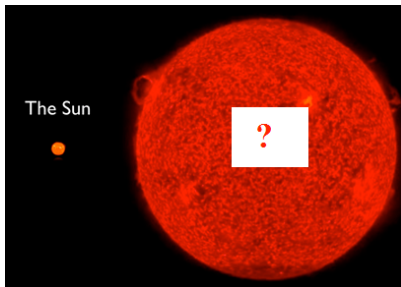
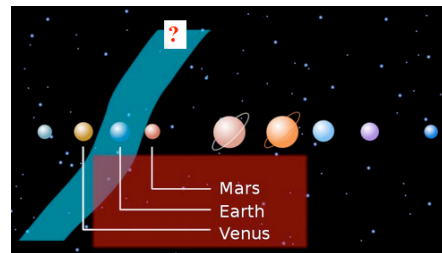
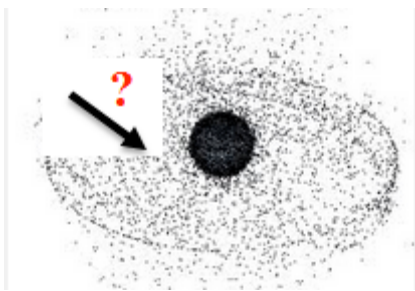
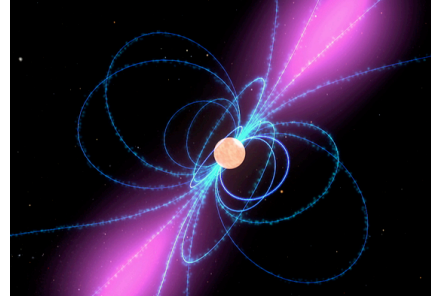
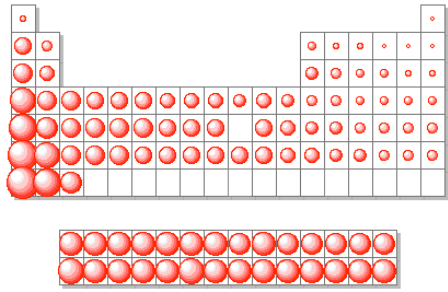


Picture Match Words

Valence	Nebula
Supernova	Pulsar
Attract	Habitable Zone
Giant Star	Classify
Black Hole	Bond

Picture Match Board



Spelling Pyramid

Bond B Bo Bon Bond	Nebulae
Habitable Zone	Black Hole
Dwarf	Giant
Valence	Pulsar
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>Habitable Zone: a proper distance from the Sun that allows for liquid water.</p>
<p>Nebula (nebulae): a cloud of gas, mostly made up of nitrogen, or dust in space</p>	<p>Attract: to cause something to move toward a place</p>
<p>Classify: to consider (someone or something) as belonging to a particular group</p>	<p>Dwarf Star: any star of average or low luminosity, mass, and size.</p> <p>Giant Star: a giant star is a star with much larger radius and luminosity than other stars of the same surface temperature</p>
<p>Valence: the amount of power of an atom determined by the number of electrons the atom will lose, gain, or share when it forms compounds</p>	<p>Supernova: the explosion of a star that causes the star to become extremely bright</p>
<p>Black Hole: an invisible area in outer space with gravity so strong that light cannot get out of it</p>	<p>Bond: a force that holds together the atoms in a molecule</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.	Some of the debris from past collisions (objects hitting the Earth) were <u>attracted</u> by the planet’s gravity and became part of Earth crust and inner core.	B	
2.	Large clouds of gas and dust, mostly made up of hydrogen, are called <u>nebulae</u> .	D	
3.	When the Sun gets older (in about 5 billion years), it will first increase in size and become a Giant star; it will then use up most of its energy and collapse (decrease in size) into a <u>Dwarf Star</u> .	A	
4.	A <u>Black Hole</u> —with gravity so strong that light cannot get out of it—appears to suck in objects orbiting or approaching close to it.	E	
5.	When atoms of chlorine and sodium <u>bond</u> , they form salt.	C	
6.	When a Giant star collapses (decreases in size) as it dies, it causes a huge extremely bright explosion called a <u>Supernova</u> .	D	
7.	A star spinning very fast and giving out huge pulses of radiation is called a <u>pulsar</u> .	A	
8.	A <u>habitable zone</u> is established by different types of stars; this zone allows acceptable temperatures for liquid water to exist.	B	
9.	Diverse gas make-up, brightness and size also help <u>classify</u> the separate star types.	C	
10.	The shells of an atom always want to be “full;” oxygen has 6 <u>valence</u> electrons in its outer shell, and needs a total of 8 to fill that shell.	E	

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. Dwarf Star	D. nebulae
B. attracted	E. Black Hole
C. bond	

#	Sentence	Letter	Correct
1.	Some of the debris from past collisions (objects hitting the Earth) were _____ by the planet's gravity and became part of Earth crust and inner core.		
2.	Large clouds of gas and dust, mostly made up of hydrogen, are called _____.		
3.	When the Sun gets older (in about 5 billion years), it will first increase in size and become a Giant star; it will then use up most of its energy and collapse (decrease in size) into a _____.		
4.	A _____—with gravity so strong that light cannot get out of it—appears to suck in objects orbiting or approaching close to it.		
5.	When atoms of chlorine and sodium _____, they form salt.		

Part B

A. pulsar	D. Supernova
B. habitable zone	E. valence
C. classify	

#	Sentence	Letter	Correct
6.	When a Giant star collapses (decreases in size) as it dies, it causes a huge extremely bright explosion called a _____.		
7.	A star spinning very fast and giving out huge pulses of radiation is called a _____.		
8.	A _____ is established by different types of stars; this zone allows acceptable temperatures for liquid water to exist.		
9.	Diverse gas make-up, brightness and size also help _____ the separate star types.		
10	The shells of an atom always want to be "full;" oxygen has 6 electrons in its outer shell, and needs a total of 8 to fill that shell.		
Total correct			____/10

Bubble Answer Sheet



Part A

- | | | | | |
|----|--|--|--|--|
| 1. | | | | |
| 2. | | | | |
| 3. | | | | |
| 4. | | | | |

Part B

- | | | | | |
|----|--|--|--|--|
| 2. | | | | |
| 3. | | | | |
| 4. | | | | |
| 5. | | | | |