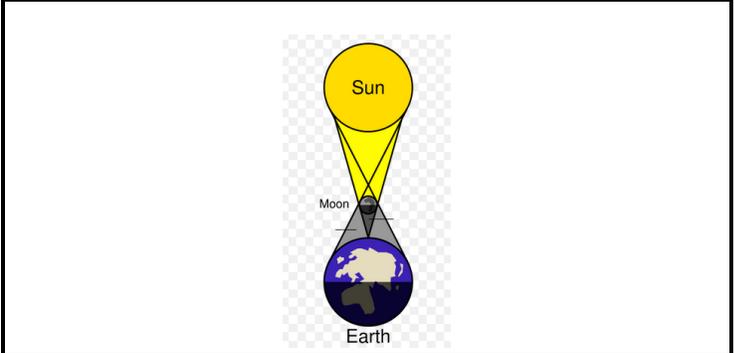
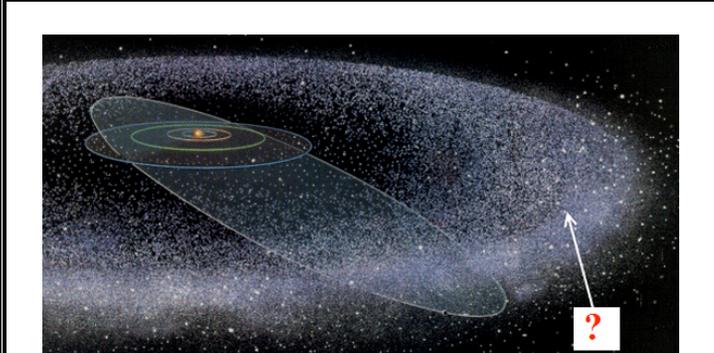
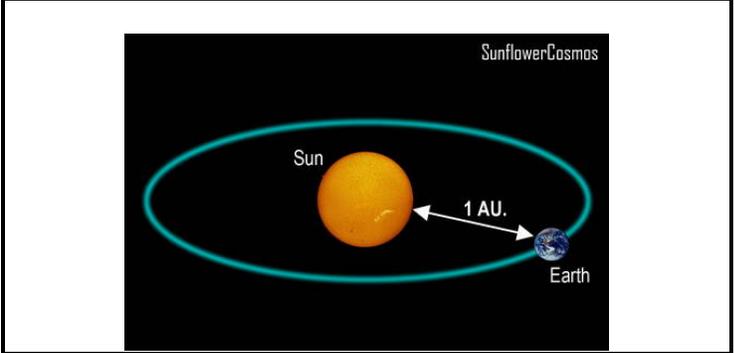
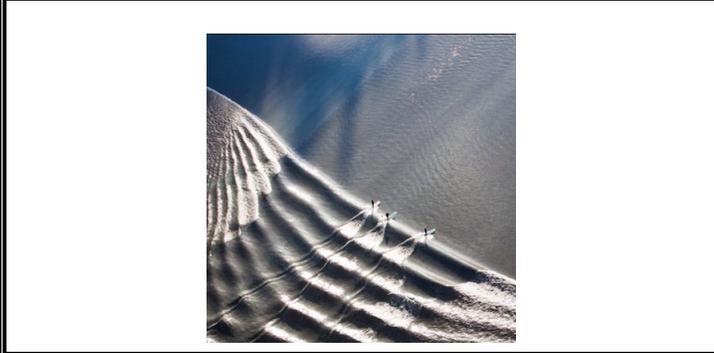
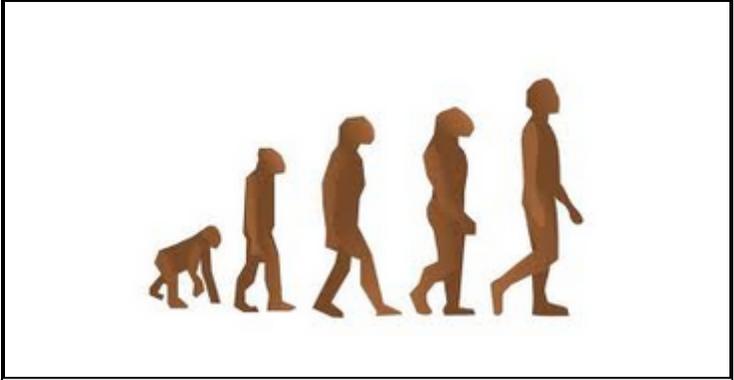
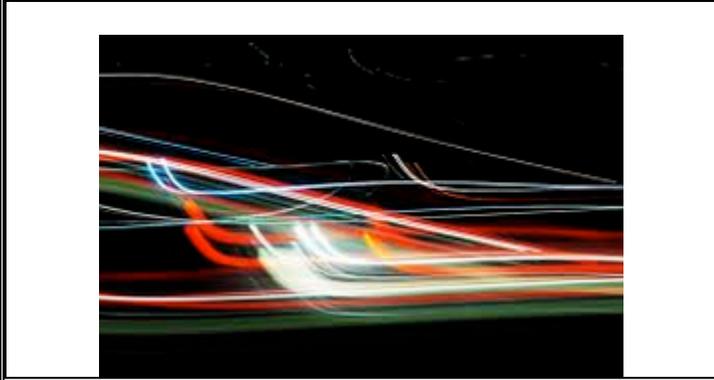
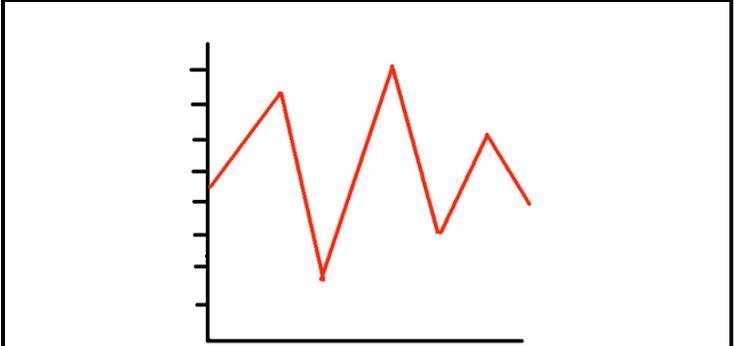
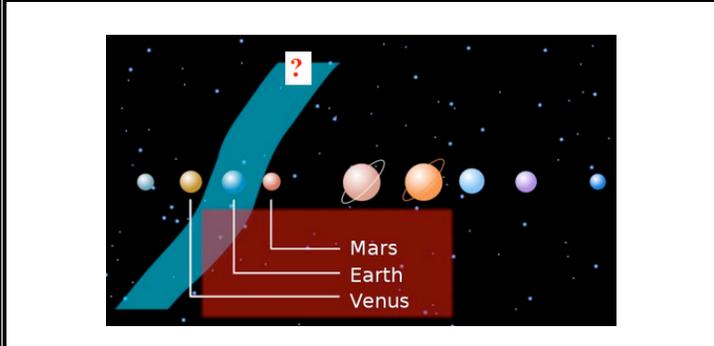
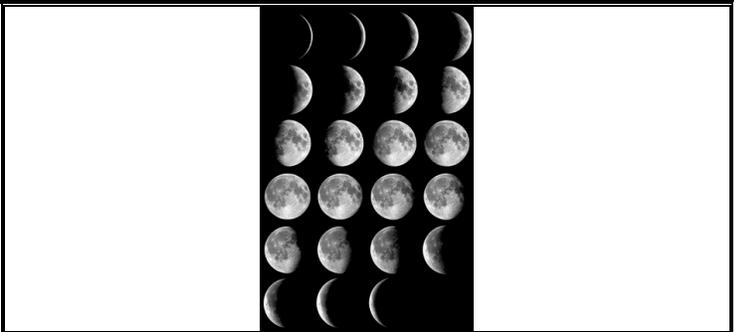
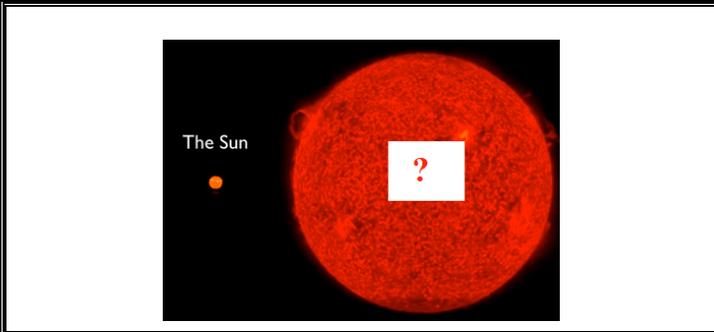


Picture Match Words

Giant Planet	Phase
Habitable Zone	Fluctuate
Speed of Light	Evolve
Tide	Astronomical unit
Kuiper Belt	Solar Eclipse

Picture Match Board



Spelling Pyramid

Giant (planet) G Gi Gia Gian Giant	Draft (planet)	Phase
Speed of light	Kuiper Belt	Eclipse
Astronomical Unit	Habitable Zone	Tide

Write 2 sentences using the words from the spelling pyramid + any additional verbs (e.g., *pull, de/increase, use up, cross path, fluctuate, evolve*) + the manner sentence frame: ___ by ___ ing ___

1. _____
2. _____

	Infinitive	Gerund	PATTERNS
CHANGE + ing	please hope	pleas <u>ing</u> hop <u>ing</u>	Verbs ending on <i>-e</i> . Drop -e.
	die tie	dy <u>ing</u> ty <u>ing</u>	Verbs ending on <i>-ie</i> . Change -ie to -y.
	stop plan	stopp <u>ing</u> plann <u>ing</u>	1-syllable verbs ending on a consonant. Double the consonant.
	prefer' admit'	preferr <u>ing</u> admitt <u>ing</u>	2-syllable verbs, 2nd syllable stressed. Double the consonant.
NO change + ing	dry	dry <u>ing</u>	Verbs ending on <i>-y</i> .
	'visit	visit <u>ing</u>	2-syllable verbs, 1st syllable stressed.
	play	play <u>ing</u>	Verbs ending on 2 vowels.
	help	help <u>ing</u>	Verbs ending on 2 consonants.
	rain	r <u>ain</u> ing	Verbs ending on 2 vowels + 1 consonant.

Card game

<p>Evolve: to change or develop slowly often into a better, more complex, or more advanced state; to develop by a process of evolution</p>	<p>Tide: the regular up and down movement of the ocean level caused by the pull of the Sun and the Moon on the Earth</p>
<p>Phase: a part or step in a process : one part in a series of related events or actions</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>Kuiper Belt: region of the Solar System beyond the planets</p>	<p>Habitable Zone: a proper distance from the Sun that allows for liquid water</p>
<p>Astronomical Unit: the distance from the Earth to the Sun = 93,000,000 miles</p>	<p>Speed of Light: the speed at which light travels in a vacuum [emptiness] =186,000 miles/sec.= 300,000 km/sec.</p>
<p>Fluctuate: to change level, strength, or value often</p>	<p>Solar Eclipse: when the Sun is completely or partially covered with a dark circle because the moon is between the Sun and the Earth</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.	The combined gravity (pull) of the Sun and Moon result in very high <u>tides</u> .	E	
2.	The length of day and night <u>fluctuates</u> depending on the season (position of the Earth in its orbit around the Sun) and the latitude.	A	
3.	An <u>astronomical unit</u> is used to measure large distances within our Solar System.	D	
4.	Because the <u>speed of light</u> is 300,000 km/sec it takes the light 8 minutes to travel from the Sun to the Earth.	B	
5.	A <u>habitable zone</u> is established by different types of stars; this zone allows acceptable temperatures for liquid water to exist.	C	
6.	The <u>Kuiper Belt</u> an area located beyond the planets (it contains rocks, gas, dust, and the leftover materials from when the Solar System was formed).	C	
7.	Some believe that birds <u>evolved</u> from dinosaurs.	E	
8.	When the Earth, Moon and Sun lineup on the Full or New Moon <u>phase</u> during spring, tides can become particularly high.	B	
9.	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	
10.	A <u>solar eclipse</u> happens when the Moon’s and the Sun’s orbits cross paths.	D	

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. fluctuates	D. astronomical unit
	B. speed of light	E. tides
	C. habitable zone	

#	Sentence	Letter	Correct
1.	The combined gravity (pull) of the Sun and Moon result in very high _____.		
2.	The length of day and night _____ depending on the season (position of the Earth in its orbit around the Sun) and the latitude.		
3.	An _____ is used to measure large distances within our Solar System.		
4.	Because the _____ is 300,000 km/sec it takes the light 8 minutes to travel from the Sun to the Earth.		
5.	A _____ is established by different types of stars; this zone allows acceptable temperatures for liquid water to exist.		

Part B	A. Dwarf Star	D. solar eclipse
	B. phase	E. evolved
	C. Kuiper Belt	

#	Sentence	Letter	Correct
6.	The _____ an area located beyond the planets (it contains rocks, gas, dust, and the leftover materials from when the Solar System was formed).		
7.	Some believe that birds _____ from dinosaurs.		
8.	When the Earth, Moon and Sun lineup on the Full or New Moon _____ during spring, tides can become particularly high.		
9.	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 _____.		
10.	A _____ happens when the Moon's and the Sun's orbits cross paths.		
Total correct			____/10