

Picture Match Words

Mass	Phase
Centrifugal	Crescent
Wane	Wax
Tide	Law of Universal Gravitation
Inertia	Eclipse

Picture Match Board

Spelling Pyramid

<p>Inertia</p> <p>I In Ine Iner Inert Inerti Inertia</p>	<p>Centrifugal</p>
<p>Crescent</p>	<p>Tide</p>
<p>Phase</p>	<p>Eclipse</p>
<p>Wane</p>	<p>Wax</p>

Write 2 sentences using the words from the spelling pyramid and any 2 of the sentence frames:

<p>(a) _____ is _____ than _____.</p> <p>(b) _____ as _____ as _____.</p> <p>(c) _____, but _____.</p> <p>(d) Because of _____, _____.</p> <p>(e) Because _____, _____.</p>	<p>(f) First, _____.</p> <p>Second [third], _____.</p> <p>Finally, _____.</p> <p>(g) To begin with, _____.</p> <p>Then [next, after that], _____.</p> <p>Last, _____.</p>
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1. _____

2. _____

Card game

<p>Eclipse: when the Sun is completely or partially covered with a dark circle because the moon is between the Sun and the Earth</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>Crescent: a shape that is curved, wide at its center, and pointed at its two ends</p>
<p>Wane: to become smaller or less; of the moon : to appear to become thinner or less full</p>	<p>Wax: to become larger or more; of the moon : to appear to become larger or more full</p>
<p>Centrifugal: moving away from a center (acting in a direction away from a center)</p>	<p>Inertia: an object's resistance to changes in velocity</p>
<p>Mass: the amount of matter in an object (expressed in Kilograms)</p>	<p>Law of Universal Gravitation: every mass in the universe attracts every other mass</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.	According to the <u>Law of Universal Gravitation</u> masses in the universe attract and are attracted.	D	
2.	When the Moon is less than half full its shape is called a <u>crescent</u> .	C	
3.	During the New Moon phase, the crescent is <u>waning</u> .	B	
4.	The amount of matter in an object is called <u>mass</u> .	E	
5.	A <u>solar eclipse</u> happens when the Moon’s and the Sun’s orbits cross paths.	A	
6.	High tides are due to the Moon’s pulling the solid Earth away from the water while <u>centrifugal</u> (inertial) forces fill the resulting space with water.	A	
7.	The combined gravity (pull) of the Sun and Moon result in very high <u>tides</u> .	D	
8.	Smashing your face against the windshield when your car hits a wall is an example of <u>inertia</u> .	E	
9.	When the Earth, Moon and Sun lineup on the Full or New Moon <u>phase</u> during spring, tides can become particularly high.	C	
10.	During the Third (Last) Quarter of the Moon, the crescent is <u>waxing</u> .	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. solar eclipse	D. Law of Universal Gravitation
	B. waning	E. mass
	C. crescent	

#	Sentence	Letter	Correct
1.	According to the _____ masses in the universe attract and are attracted.		
2.	When the Moon is less than half full its shape is called a _____.		
3.	During the New Moon phase, the crescent is _____.		
4.	The amount of matter in an object is called _____.		
5.	A _____ happens when the Moon's and the Sun's orbits cross paths.		

Part B	A. centrifugal	D. tides
	B. waxing	E. inertia
	C. phase	

#	Sentence	Letter	Correct
6.	High tides are due to the Moon's pulling the solid Earth away from the water while _____ forces fill the resulting space with water.		
7.	The combined gravity (pull) of the Sun and Moon result in very high _____.		
8.	Smashing your face against the windshield when your car hits a wall is an example of _____.		
9.	When the Earth, Moon and Sun lineup on the Full or New Moon _____ during spring, tides can become particularly high.		
10.	During the Third (Last) Quarter of the Moon, the crescent is _____.		
Total correct			___/10