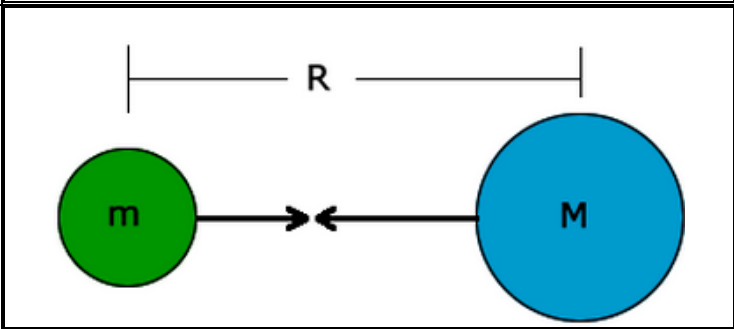
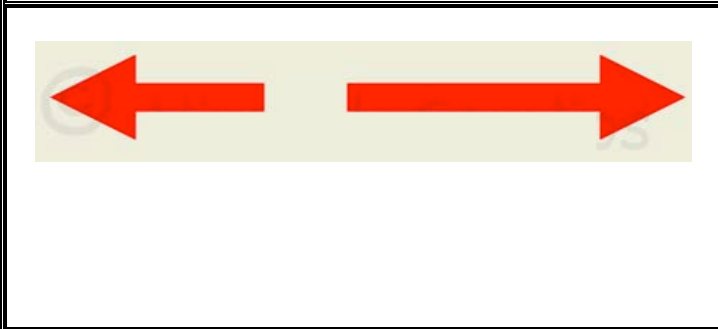
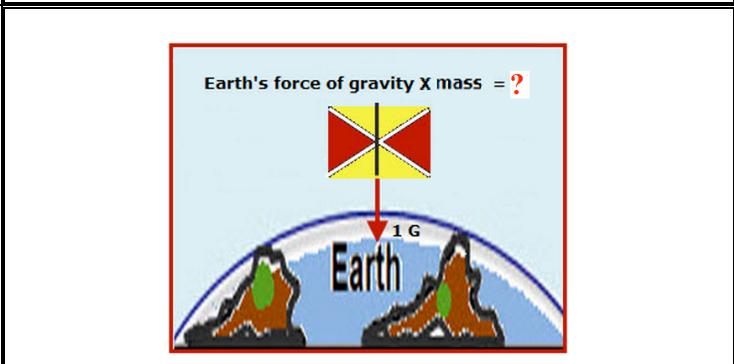
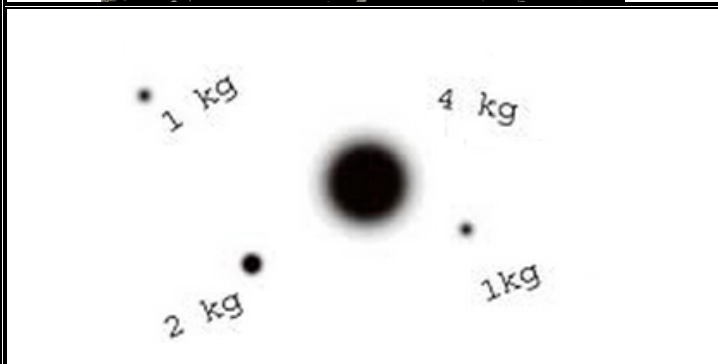
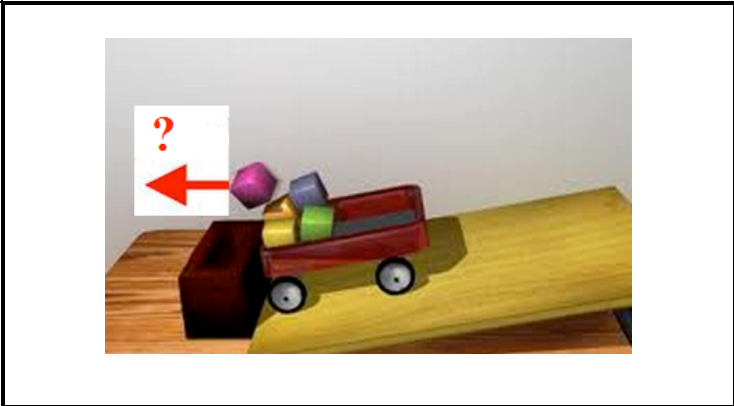
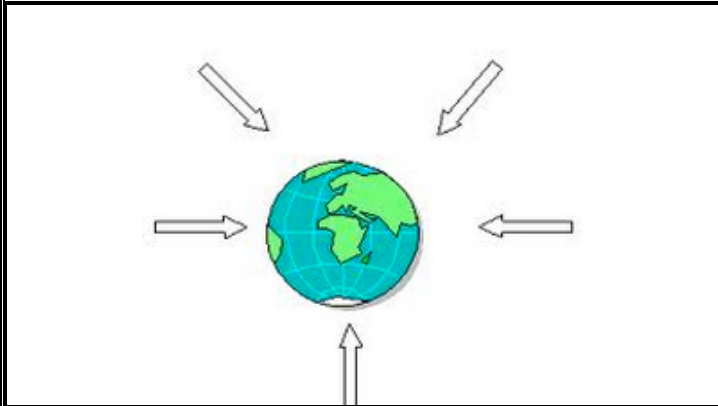
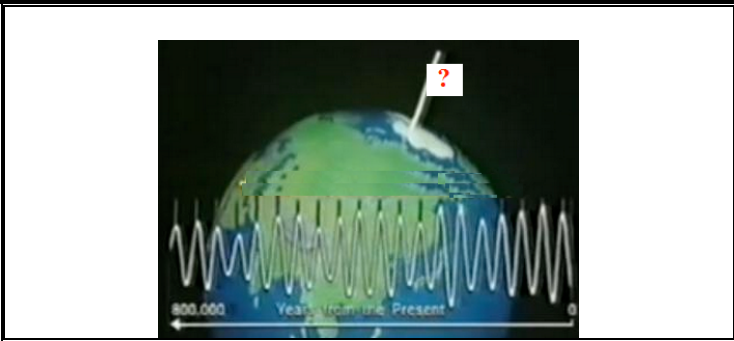
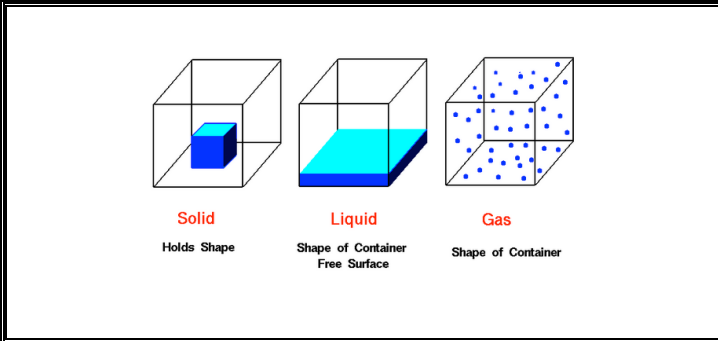


## Picture Match Words

<b>Matter</b>	<b>Axis</b>
<b>Gravity</b>	<b>Inertia</b>
<b>Debris</b>	<b>Attract</b>
<b>Mass</b>	<b>Weight</b>
<b>Unbalanced</b>	<b>Law of Universal Gravitation</b>

# Picture Match Board



## Spelling Pyramid

<p><b>Mass</b></p> <p>M</p> <p>Ma</p> <p>Mas</p> <p>Mass</p>	<p><b>Matter</b></p>
<p><b>Gravitation</b></p>	<p><b>Unbalanced</b></p>
<p><b>Weight</b></p>	<p><b>Inertia</b></p>
<p><b>Debris</b></p>	<p><b>Attract</b></p>

Write 2 sentences using the words from the spelling pyramid, and Planet (e.g., Earth, Moon, Venus) or Star (e.g., Sun) names that you learned in class, and the sentence frames below:

<p><b>Because</b> _____, _____ .</p> <p style="text-align: center;"><small>(this happens)                      (this will happen)</small></p> <p>_____ <b>because</b> _____ .</p> <p style="text-align: center;"><small>(this will happen)                      (this happens)</small></p>	<p><b>Because</b> _____, _____ .</p> <p style="text-align: center;"><small>(this happens)                      (this will happen)</small></p>
--	---

1. \_\_\_\_\_
2. \_\_\_\_\_

## Card game

<p><b>Attract:</b> to cause something to go to or move to or toward a place</p>	<p><b>Debris:</b> the pieces that are left after something has been destroyed</p>
<p><b>Axis:</b> the imaginary straight line that something (such as the Earth) turns around</p>	<p><b>Matter:</b> anything that has mass and takes space; the stuff that everything is made of</p>
<p><b>Gravity:</b> the force that causes things to fall towards the Earth</p>	<p><b>Weight:</b> the weight of an object is the force of gravity pulling the mass down (expressed in Newtons)</p>
<p><b>Mass:</b> the amount of matter in an object (expressed in Kilograms)</p>	<p><b>Inertia:</b> an object's resistance to changes in velocity</p>
<p><b>Unbalanced:</b> not equal, even, or the same</p>	<p><b>Law of Universal Gravitation:</b> 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.	Much of the <u>debris</u> from past collisions (objects hitting the Earth) remain in orbit around the Earth.	<b>D</b>	
2.	<u>Gravity</u> is the force that holds massive systems of stars, cosmic dust, and planets to form galaxies.	<b>A</b>	
3.	Smashing your face against the windshield when your car hits a wall is an example of <u>inertia</u> .	<b>B</b>	
4.	The amount of matter in an object is called <u>mass</u> .	<b>E</b>	
5.	An example of an <u>unbalanced</u> force is two cards leaning on each other then falling over.	<b>C</b>	
6.	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>C</b>	
7.	<u>Matter</u> and energy can be changed into each other.	<b>E</b>	
8.	According to the <u>Law of Universal Gravitation</u> masses in the universe attract and are attracted.	<b>B</b>	
9.	On the moon, the <u>weight</u> of an astronaut is equal to his mass.	<b>D</b>	
10.	The <u>axis</u> is the imaginary line or pole that the earth rotates on, giving us daylight and nighttime periods.	<b>A</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.

<b>Part A</b>	A. Gravity	D. debris
	B. inertia	E. mass
	C. unbalanced	

#	Sentence	Letter	Correct
1.	Much of the _____ from past collisions (objects hitting the Earth) remain in orbit around the Earth.		
2.	_____ is the force that holds massive systems of stars, cosmic dust, and planets to form galaxies.		
3.	Smashing your face against the windshield when your car hits a wall is an example of _____.		
4.	The amount of matter in an object is called _____.		
5.	An example of an _____ force is two cards leaning on each other then falling over.		

<b>Part B</b>	A. axis	D. weight
	B. Law of Universal Gravitation	E. Matter
	C. attracted	

#	Sentence	Letter	Correct
6.	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.		
7.	_____ and energy can be changed into each other.		
8.	According to the _____ masses in the universe attract and are attracted.		
9.	On the moon, the _____ of an astronaut is equal to his mass.		
10.	The _____ is the imaginary line or pole that the earth rotates on, giving us daylight and nighttime periods.		
<b>Total correct</b>			____/10