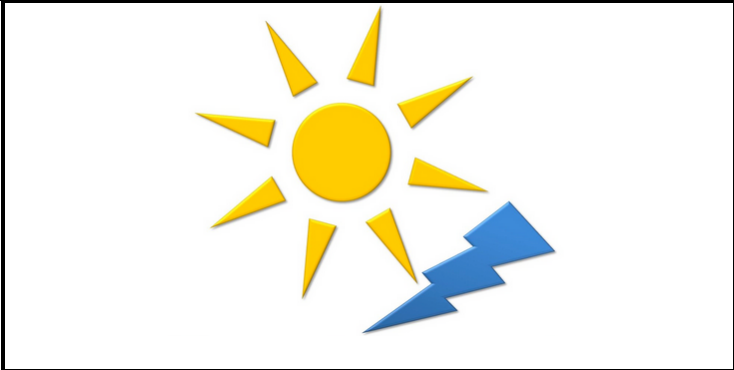
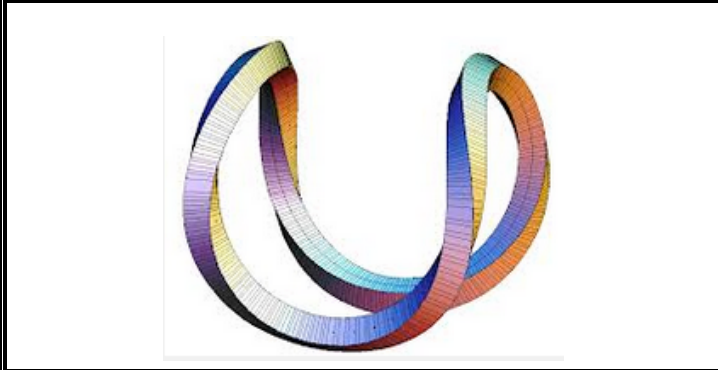
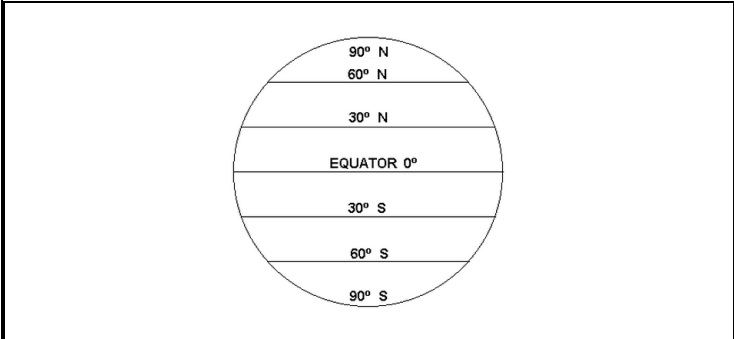
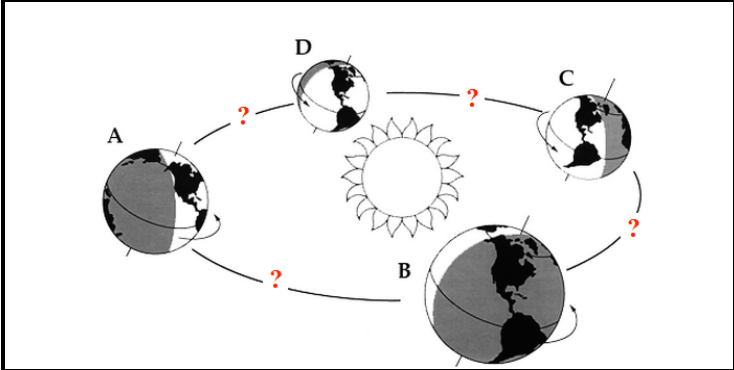
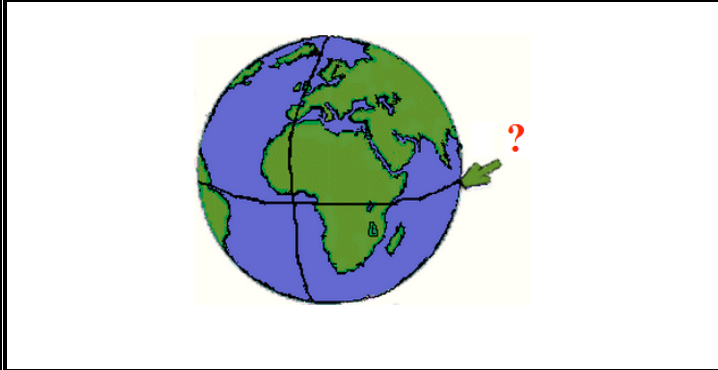
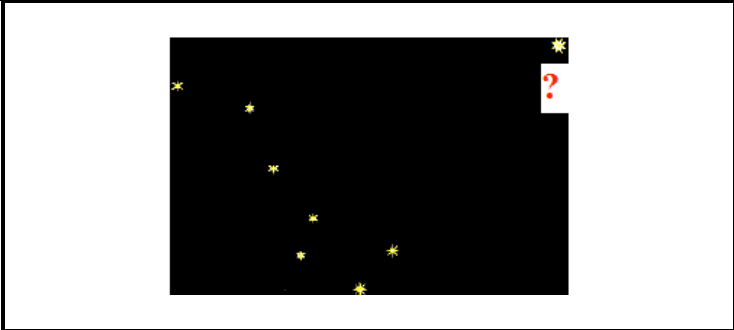
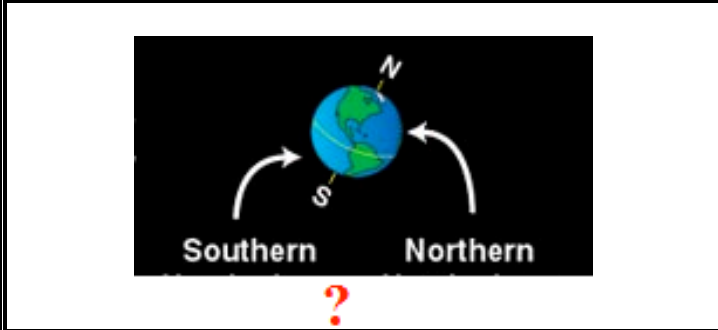
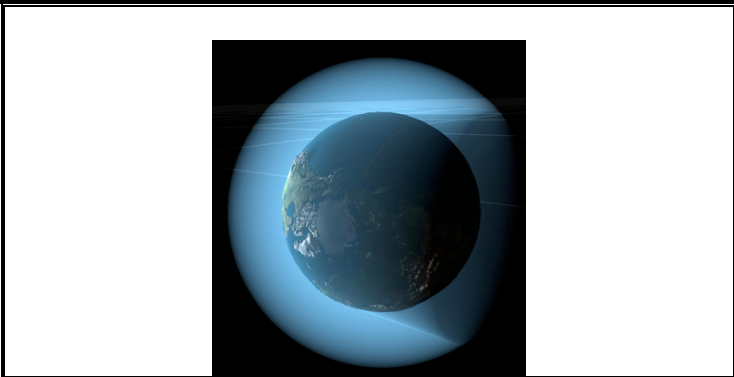
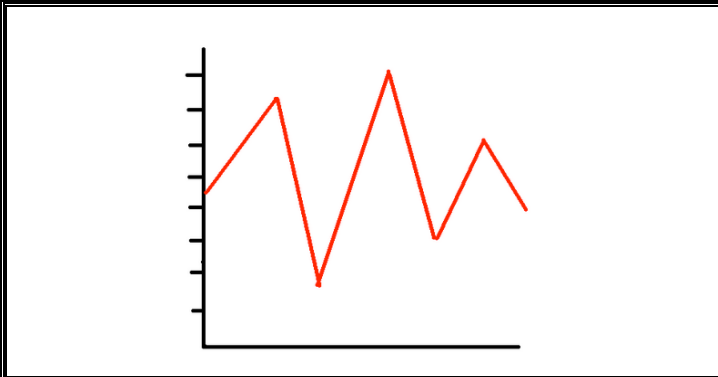


Picture Match Words

Fluctuate	Atmosphere
Hemisphere	North Star
Equator	Revolve
Fixed	Latitude
Curvature	Solar energy

Picture Match Board



Spelling Pyramid

Solar S So Sol Sola Solar	Energy
North Star	Hemisphere
Fluctuate	Latitude
Equator	Fixed

Write 3-step directions for (a) locating the North Star **OR** (b) measuring the latitude **OR** (c) locating the equator on a map using **ONE** of the two frames:

First, _____.
Second, _____.
Finally, _____.

To begin with, _____.
Then [next, after that], _____.
Last, _____.

1. _____

2. _____

3. _____

Card game

<p>Fluctuate: to change level, strength, or value often</p>	<p>Solar energy: the light and heat from the Sun</p>
<p>Fixed: something that does not change</p>	<p>North Star (Polaris): a star located at the north; it never changes its place in the sky</p>
<p>Equator: an imaginary circle around the Earth at the same distance from the North Pole and the South Pole</p>	<p>Atmosphere: a mass of gases surrounding a planet or star</p>
<p>Latitude: distance north or south from the equator measured in degrees</p>	<p>Hemisphere: one half of the Earth</p>
<p>Curvature: the amount to which something has a rounded shape</p>	<p>Revolve: to move or turn in a circle</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.	Because of the <u>curvature</u> of the Earth, sunlight strikes the poles at a low angle.	B	
2.	The planets in the solar system <u>revolve</u> around the Sun.	D	
3.	When you are facing the <u>North Star</u> (Polaris) you are always facing north.	C	
4.	The distance north or south from the equator measured in degrees is called a <u>latitude</u> .	E	
5.	The northern and southern <u>hemispheres</u> experience summer and winter at different times; when it is summer in one, it is winter in the other.	A	
6.	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	
7.	People living on the <u>equator</u> have 12 hours of daylight and 12 hours of darkness every day of the year.	D	
8.	The heat and light produced by the Sun are called <u>solar energy</u> .	E	
9.	The angle of the Earth tilt is <u>fixed</u> at 23.5°.	C	
10.	The Sun’s rays striking the Earth at a low angle must pass through more <u>atmosphere</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. hemispheres	D. revolve
	B. curvature	E. latitude
	C. North Star	

#	Sentence	Letter	Correct
1.	Because of the _____ of the Earth, sunlight strikes (hits/reaches) the poles at a low angle.		
2.	The planets in the solar system _____ around the Sun.		
3.	When you are facing the _____, you are always facing north.		
4.	The distance north or south from the equator measured in degrees is called a _____.		
5.	The northern and southern _____ experience (have) summer and winter at different times; when it is summer in one, it is winter in the other.		

Part B	A. fluctuates	D. equator
	B. atmosphere	E. solar energy
	C. fixed	

#	Sentence	Letter	Correct
6.	The length of day and night _____ depending on the season (position of the Earth in its orbit around the Sun) and the latitude.		
7.	People living on the _____ have 12 hours of daylight and 12 hours of darkness every day of the year.		
8.	The heat and light produced by the Sun are called _____.		
9.	The angle of the Earth's tilt is _____ at 23.5°.		
10.	The Sun's rays striking (hitting/reaching) the Earth at a low angle must pass through more _____.		
Total correct			____/10