NAME: PD: DUE DATE:

Planet Earth Reinforcement Worksheet

DIRECTIONS: Circle the term in the puzzle that fits each clue. Then Write the term on the line. Terms read across and down.

M	S	P	H	E	R	E	T	R	L	E	S
R	E	V	O	L	U	T	I	O	N	L	D
E	Q	U	A	T	O	R	L	T	L	O	A
S	U	M	M	E	R	Z	T	A	I	S	Y
E	I	A	N	E	R	W	P	T	E	I	Y
A	N	X	L	E	E	L	L	I	P	S	E
S	O	L	S	T	I	C	E	O	M	O	A
A	X	I	S	M	I	W	I	N	T	E	R

_____ 1. Imaginary line around which earth spins

_____ 2. Earth's spinning that causes night and day

_____ 3. When the sun is directly over this, the number of daylight hours equals the number of nighttime hours all over the world.

_____ 4. Round, three-dimensional object whose surface at all points is the same distance from its center.

_____ 5. A complete orbit made by Earth around the Sun

_____ 6. Occurs when the sun is directly over the equator

_____ 7. Property of earth which causes seasons

_____ 8. Shape of earth's orbit

_____ 9. Occurs when the sun reaches its greatest distance north or south of the equator

_____ 10. Time it takes earth to Rotate on its axis

_____ 11. Time it takes earth to revolve around the sun

_____ 12. Solstice that occurs in December in the southern hemisphere

_____ 13. Solstice that occurs in December in the northern hemisphere

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Planet Earth Study Guide Worksheet

DIRECTIONS: Use the words below to fill in the blanks in the statements

24 hours	*Ellipse*	*Seasons*
365.25 days	*Equinox*	*Solstice*
Axis	*Revolution*	*Sphere*
Center	*Rotation*	*Sphere-shaped*

1. A round, three dimensional object is a _____.
2. All points on a sphere's surface are the same distance from the _____ of the sphere.
3. Earth's tilled axis causes _____
4. Earth's yearly orbit around the sun is its _____
5. Images from space probes and artificial satellites show that earth is _____.
6. One complete revelation of earth takes about _____
7. One complete rotation of Earth takes about _____
8. The day when the Sun is at its highest or lowest point is called the _____
9. The _____ occurs, twice per year, when the Sun is directly over the equator.
10. The North and South Poles are located at the ends of Earth's _____ the imaginary line around which earth spins.
11. The path of Earth's obit is in the shape of an elongated closed curve called an _____
12. The spinning of Earth on its axis that causes day and night is called _____

DIRECTIONS: Answer the following questions in the space provided.

13. What is inclined at an angle of 6.5° to Earth's rotational axis?
    a. Magnetic axis
    b. Prime meridian
    c. Tilted axis
    d. Wheel Axis
14. What is the sun directly over at the equinoxes?
    a. The pole
    b. The equator
    c. Tropic of the Caribbean
    d. The moon
15. Which season begins in the northern hemisphere when the sun reaches its greatest distance south of the equator?
    a. Spring
    b. Summer
    c. Winter
    d. Fall
16. On September 22-23, the southern hemisphere is beginning which season?
    a. Spring
    b. Summer
    c. Winter
    d. Fall
17. At the March equinox, what season begins in the northern hemisphere?
    a. Spring
    b. Summer
    c. Winter
    d. Fall
18. At the summer solstice in the northern hemisphere, at what point is the Sun?
    a. Northern most point
    b. Southern most point
    c. Crossing the equator
    d. On the other side of the Earth