Chapter 3 Science Study Guide

Test on __***Thursday January 16***__

Things to Know:

1. Green plants can make their own food because they contain chlorophyll.
2. If there were no green plants on earth, people and animals could not live.
3. Plants put oxygen into the air for man to breathe.
4. Green plants make their food by a process called photosynthesis.
5. When you eat a carrot, you are eating the root of a plant.
6. When you eat broccoli, you are eating a flower.
7. Every seed contains a new living plant.
8. A dandelion is an example of a plant whose seeds are spread by the wind.
9. Dormant seeds are alive.
10. When a seed germinates, it sprouts.
11. Tomatoes can be eaten raw.
12. The poison in tobacco is called nicotine.
13. Plants which cannot make their own food are called fungi.
14. Most seeds ripen and are carried away from the parent plants in the fall.
15. The leaves of the rhubarb plant are poisonous.
16. The trunk is another name for a tree's stem.
17. Facts about a tree's root- they anchor trees to the ground; they absorb water and minerals; they are at least as large as the spread of the crown.
18. The crown of a tree makes the tree's food and bears fruit.
19. An elm is a broadleaf tree.
20. A spruce is an evergreen tree.
21. Acorns are produced by an oak tree.
22. Deciduous trees lose their leaves in the fall.

23. You can tell the age of a tree by counting the annual rings.

24. A black-eyed Susan sometimes mistakenly is called a yellow daisy.

25. A dandelion has yellow ray flowers and no disk flowers.

26. A sunflower is a tall plant with flowers that turn to face the sun.

27. A chicory is a blue flower whose roots can be ground to make a beverage.

28. A weed is any plant that grows where it is not wanted.

29. A poinsettia is a poisonous plant.

Know the 3 main parts of every seed and explain the job each has or does.

1. **embryo**- the new plant
2. **stored food**- nourished the new plant (the embryo)
3. **seed coat or covering**- protects the new plant (the embryo)

Be able to identify the <u>four parts of a flower</u>.