

Name _____ KEY _____

Plant Growth and Adaptations - Review

Match each term with its meaning:

- ___ **B** ___ 1. Part of a flower that "Collects" pollen
- ___ **I** ___ 2. Substances that all living things need to grow
- ___ **C** ___ 3. Process by which plants make their own food
- ___ **M** ___ 4. Part of a flower that "Makes" pollen
- ___ **E** ___ 5. State of lower activity during cold seasons
- ___ **D** ___ 6. Pollen is carried from a stamen to a pistil
- ___ **A** ___ 7. Deep roots that have tiny hairs to absorb water and nutrients
- ___ **G** ___ 8. Gas breathed out by animals
- ___ **H** ___ 9. Sprouts and begins to grow
- ___ **K** ___ 10. Long, shallow roots
- ___ **J** ___ 11. Tiny cells from which some plants germinate
- ___ **F** ___ 12. Swollen underground stem
- ___ **L** ___ 13. Process by which leaves give off water

- | | | | |
|--------------|-----------|-------------------|------------------|
| A. taproots | B. pistil | C. photosynthesis | D. pollination |
| E. dormancy | F. tuber | G. carbon dioxide | H. germinates |
| I. nutrients | J. spores | K. fibrous roots | L. transpiration |
| M. stamen | | | |

Fill in the blank with a science term:

1. Grass is an example of a plant that has what type of roots?

_____ **FIBROUS ROOT** _____

2. The process that joins a cut stem of one plant to a slice in the stem

of another plant is called _____ **GRAFTING** _____.

3. Spores grow in _____ **CAPSULES** _____.

Describe the 3 events in a life cycle of a flowering plant

1. **SEEDS NEED WARMTH, WATER, AND AIR IN ORDER TO BEGIN TO GROW.** _____

2. **THE SEEDS SPROUT AND BECOME SEEDLINGS.** _____

3. **ANIMALS, SUCH AS BIRDS AND BEES, FEED ON ITS NECTAR WHICH HELPS THE PLANT PREPARE FOR MORE SEEDS.** _____

Complete each sentence with a a letter from the word bank.

1. The **B** take in water.

2. Sunlight is trapped by a leaf's **E**.

3. The leaves give off **F** as waste.

4 - 6 **D** and **A** in the leaves are used to make **C**.

- A. carbon dioxide
- B. roots
- C. sugar
- D. water
- E. chlorophyll
- F. oxygen