Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**I CAN** describe how individual organisms & population in an ecosystem interact and how changes in population are related to resources.

Period\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**PLANT/ECOLOGY STUDY GUIDE**

If you **did not receive a Proficient** grade on this assessment, you are required to:

* **complete this study guide by**
  + **study and attach completed assignments** 
    - **#16 D. Reading CH. 13 S. 1**
    - **#17 Fertilizing Flowers**
    - **#18 Pick the Pollinator**
    - **#19 Ecological Organization/D. Reading CH 18 S. 2**
    - **#20 How Does Energy Move Through A Food Web/Redwood Food Web**
    - **#21 D. Reading Food Chains & Food Webs**
    - **#22 Ecology**
* **have your parent sign this study guide.**

My child had completed this study guide, studied & attached the required completed assignments, and is ready to retake this test.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. The main function of flowers is to do what?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. The main function of leaves is to do what?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. Where in a flower is pollen formed?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. What does the pollen form to get to the ovule of the plant?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5. Look at assignment #17 and be able to identify all the parts of a flower.

6. Name four ways that pollen gets from one flower to the female part of another flower.

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7. The ***nonliving*** part of the environment includes all of the physical factors such as temperature and light. What is another word that I could use instead of ***nonliving*** in the previous sentence.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

8. What is the difference between a population and community?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

9. In a food web that includes a cougar and a squirrel, which animal would the arrow be pointing

at?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

10. Know how to interpret a food web.