**VIDEO GUIDE FOR GREMSKI’S PLANT REPRODUCTION PART 4**

1. In double fertilization, one sperm fertilizes the \_\_\_\_\_\_\_\_, the other fertilize the \_\_\_\_\_\_\_\_\_
2. Egg + sperm = (diploid)
3. Sperm + polar nuclei = (triploid)
4. What is the purpose of endosperm?
5. The basal cell divides to form a structure similar to an animal’s \_\_\_\_\_\_\_\_\_\_\_\_ cord
6. First seedling leaves are called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
7. A plant embyro’s root is called the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
8. What is the difference between a eudicot and a monocot seed?
9. Ovules develop into \_\_\_\_\_\_\_\_\_\_\_\_\_\_, the ovary develops into the \_\_\_\_\_\_\_\_\_\_\_\_
10. A fruit is anything that develops from an \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
11. The jobs of the fruit are
    1. To \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
    2. To \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
12. Fruits can be dispersed by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
13. Why is producing a fruit “worth it” to the plant, despite the high cost of making the extra sugar required?
14. Why is it beneficial for seeds to be dormant?
15. What are some cues for seed germination?
16. The steps in seed germination are