**Study Guide / Science Test 04/13**

**How do plants reproduce? What factors affect germination rate?**

1. What is the main role of colored markings on the flowers of a flowering plant?

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2. What is the order of events in the life cycle of nonflowering and flowering plants?

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3. Which stage is found in the life cycle of flowering and nonflowering plants?

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4. Why are bees important for the reproduction of plants?

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5. Which feature of a plant is used for sexual reproduction?

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6. What is one experiment we can do to test if bean seeds need soil to germinate?

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7. How often should you water a seed if we want it to germinate faster?

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8. Name the female and male parts of a flower:

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9. Label the parts of the flower below:

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**How do plants reproduce? What factors affect germination rate?**

1. What is the main role of colored markings on the flowers of a flowering plant? **To attract insects to carry pollen.**

2. What is the order of events in the life cycle of non flowering and flowering plants? **1) seed, 2) pollination, 3) seed dispersal, 4) fertilization.**

3. Which stage is found in the life cycle of flowering and non flowering plants?  **They both make seeds.**

4. Why are bees important for the reproduction of plants? **Bees play an important role as plant pollinators.**

5. Which feature of a plant is used for sexual reproduction? **flower**

6. What is one experiment we can do to test if bean seeds need soil to germinate? **We can place a bean seed in a plastic bag with a paper towel and water to see if it will germinate.**

7. How often should you water a seed if we want it to germinate faster? **Twice a day.**

8. Name the female and male parts of a flower: **stamen ( male) / pistil ( female)**

9. Label the parts of the flower below: