



Name _____

Period _____

Date _____

SECTION
22.3

SEED DISPERSAL AND GERMINATION
Study Guide

KEY CONCEPT

Seeds disperse and begin to grow when conditions are favorable.

VOCABULARY

dormancy germination

MAIN IDEA: Animals, wind, and water can spread seeds.

1. What is the function of fruit in flowering plants?

2. Why is seed dispersal important?

3. Describe two ways that seeds can be spread by animals.

4. What fruit forms can allow seeds to be spread by wind and water?

MAIN IDEA: Seeds begin to grow when environmental conditions are favorable.

5. When a seed is _____, the embryo has stopped growing.

6. Seed dormancy allows the next generation of plants to grow under

_____ conditions.

7. What types of conditions can end dormancy for many plant species?

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CHAPTER 22
Plant Growth, Reproduction

Section 22.3 STUDY GUIDE CONTINUED

8. Take notes about germination in this cause-and-effect chart.

Cause	→	Effect(s)
embryo takes up water		
water activates enzymes		
sugars are moved to embryo		

9. Describe the order in which seedling structures emerge during germination.

10. At what stage in development is a young plant considered a seedling?

Vocabulary Check

11. Hibernation is to an animal as _____ is to a seed.
12. How does the Latin word *germen*, meaning "seed," relate to the meaning of *germination*?
