

College Biology

Lesson 4/8/2020

Lesson Target: Angiosperms

Let's get started.

1. What separates gymnosperms from ferns and bryophytes? What is the advantage to this?
2. Write a brief description of how fruits come to be.

Answers

1. What separates gymnosperms from ferns and bryophytes? What is the advantage to this? **Gymnosperms have seeds while ferns and bryophytes rely on free water for fertilization. The advantage is that they can live in areas that do not have large amounts of free water.**
2. Write a brief description of how fruits come to be.
Flowers attract a pollinator or the pollen is carried by the wind. Once fertilized the ovary containing the seeds ripens into a fruit.

Lesson Activity

Directions:

1. Read over pages 16-23 of the Chapter 16 Notes. ([Linked Here](#))
2. Watch the Crash Course [Video](#) on Plant Reproduction.

Enrichment

1. Read the information about the significance of pollination.
 - a. [Why is Pollination important](#)
 - b. [Pollinator Importance](#)
2. Look at the [advertisements](#) about vaping.
3. Based on the readings and the model advertisements, create your own information poster that focuses on the significance of pollinations

Be sure to include:

1. Accurate information.
2. A drawing or drawings that enhance the information.
3. Aesthetically pleasing (make the poster look good).

Practice

Based on your reading answer the following questions:

1. Label the parts of a [flower](#).
2. In what ways are forests renewable resources? In what way are they not?
3. Plant diversity is greatest in...
 - a. tropical forests.
 - b. the temperate forests of Europe.
 - c. deserts.
 - d. the oceans.

Review Tools

-Practice [Answers](#)

-Mr. Anderson [Video](#)

-Amoeba Sisters [Video](#)