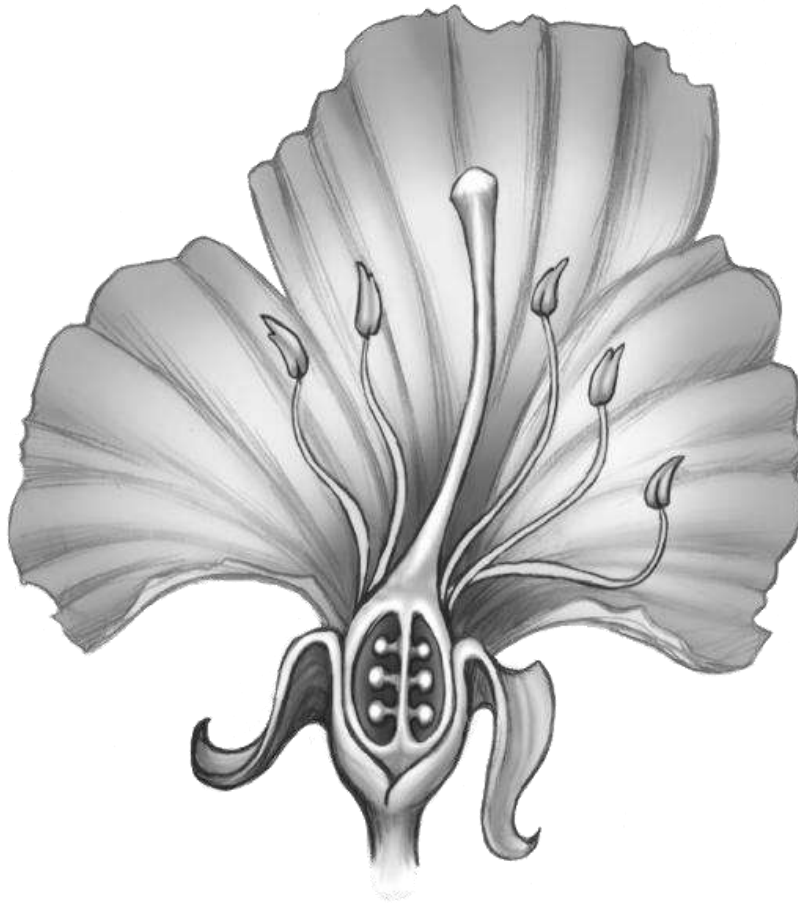


Plant Reproduction Question Guide

1. Where does reproduction take place in gymnosperms? _____
2. Gymnosperms produce two type of cones. List and describe them.
 - a.
 - b.
3. How are the pollen grains of gymnosperms typically transported?
4. Angiosperms (flowering plants) have flowers composed of four major types of modified leaves. In the space below, name and describe all 4 parts.
 - a.
 - b.
 - c.
 - d.
5. Label all appropriate plant parts below.



6. The male part of a flower is called _____. It consists of two parts...name and describe them.
- a.
 - b.
7. The female part of a flower is called _____. It consists of three parts...name and describe them.
- a.
 - b.
 - c.
8. Do all plants produce individual flowers with BOTH male and female parts?
9. Where does reproduction take place in angiosperms?
10. Describe the process of fertilization in plants.
- 1.
 - 2.
 - 3.
 - 4.
 - 5.
 - 6.
11. What is meant by “double fertilization?”
12. How does pollination differ between gymnosperms and angiosperms?
13. Fill out the table below.

| Wind Pollination | Animal Pollination |
|------------------|--------------------|
| | |
| | |

14. Complete the concept map below.

