|  |  |  |
| --- | --- | --- |
| **Name of Flower Part** | **Description** | **Function** |
| Anther |  |  |
| Filament |  |  |
| Ovary |  |  |
| Ovule |  |  |
| Petals |  |  |
| Pistil |  |  |
| Sepals |  |  |
| Stamen |  |  |
| Stigma |  |  |
| Style |  |  |

Virtual Lab: What are the Functions of the Parts of a Flower?

Complete the data table for EITHER the **Cherry Blossom** OR the **Orange Blossom** (Circle the one you use)

Answer questions…… (DO NOT try to cram all of your answers here in these small spaces….write them on the back or on a separate sheet of paper)

1. What is an angiosperm?
2. Define pollination.
3. Which parts of the flowers are important in pollination?
   1. Describe their role in the process.
4. List at least 5 animals that help with pollination.
5. Many types of flowers produce fruits that are fragrant and sweet tasting. Describe how these characteristics of fruits may be important for dispersal.
6. Many types of flowers are brightly colored, fragrant, and produce sweet nectar. Describe how these characteristics affect the process of pollination.
7. What is the male part of a flower called?
8. What is the female part of a flower called?
9. Most species of plants produce flowers containing both stamen and pistils. Why is producing flowers with both male and female reproductive structures an advantage for the plant?
10. What is an endosperm?
11. What does an ovary develop into?
12. Which part of the flowers is involved in fertilization and fruit development?