

FLOWER REPRODUCTION STRUCTURE AND FUNCTION

Navigate to: <https://www.youtube.com/watch?v=7G9Jozhr7H0> and answer the following while viewing:

1. The _____ is the reproductive structure of an angiosperm.
2. The male structure of a flower is called _____.
3. Pollen are structures that contain _____ cells for the flower.
4. Pollen is produced by the _____.
5. The main purpose of the filament is to _____ the anther.
6. The female parts of the flower are called the _____.
7. The main function of the stigma is to collect the _____.
8. The long slender tube that extends down from the stigma and connects to the ovary is called the _____.
9. At the bottom of the style is the _____, which contains and protects the _____ (eggs).
10. There are 2 types of pollination
 - a. Cross pollination - _____
 - b. Self pollination - _____
11. The sperm travels down the pollen tube into the ovary where it can then unite and _____ the ovules.
12. Once fertilized, the ovary turns into the _____ and the ovules turn into _____.
13. _____ have seeds. _____ do not.
14. Two foods that are considered fruits that are often referred to as vegetables are:

15. Scientists refer to vegetables as part of the plant such as the root (carrots) and leaves (_____).
16. Once the seed is fertilized, the _____ fall away, the fruit develops and seeds disperse on a mission to create new life.
17. REWIND the video to about the 3:15 point and use the diagram of the flower to label the parts on your diagram (found on the other side of this paper).