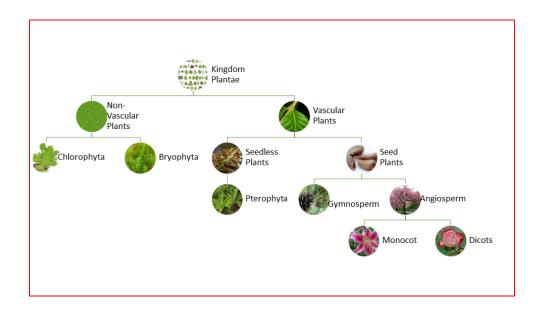
Blology 11 Name:

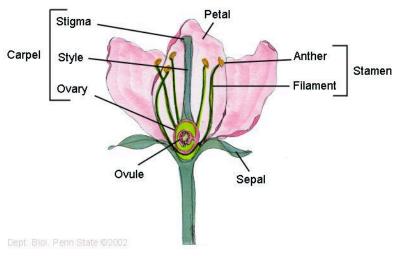
Angiosperms



Phylum Angiospermae		
Angio =	Sperm =	
Characteristics:		
Most diverse and su	uccessful group of plants. Inclu	udes:
are	enclosed within	
All produce	to aid in	
Ecological Importa	ance:	
5		

Life Cycle:

Alternation of Generations	
Flowers contain	
Pollination occurs via:	
Major advancement =	



Pollen (_______) produced by the ______.

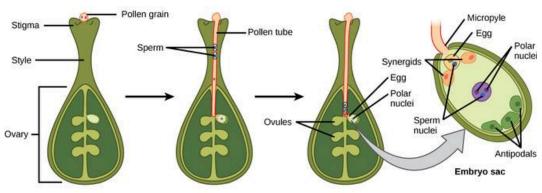
Ovule (______) develops in the ______.

Pollination: Pollen grains land in_____ of the _____

forms and travels down_____ to _____

(two sperm delivered)

Double Fertilization:



The pollen grain adheres to the stigma, which contains two cells: a generative cell and a tube cell. The pollen tube cell grows into the style. The generative cell travels inside the pollen tube. It divides to form two sperm.

The pollen tube penetrates an opening in the ovule called a micropyle. One of the sperm fertilizes the egg to form the diploid zygote. The other sperm fertilizes two polar nuclei to form the triploid endosperm, which will become a food source for the growing embryo.

