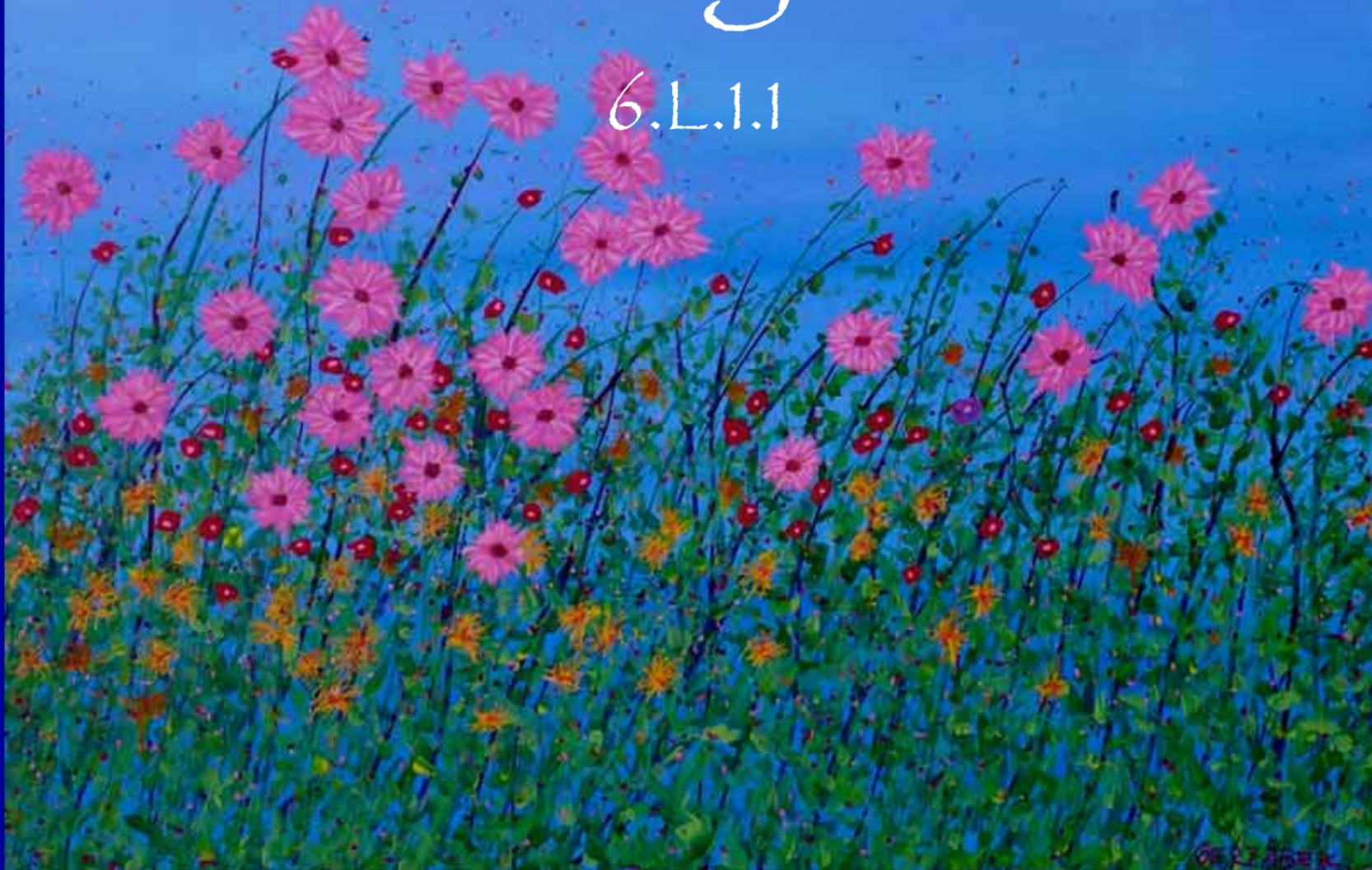


Flowering Plants

6.L.1.1



Flower Power: 6.L.1.1

Summarize the basic **structures and functions** of flowering plants required for survival, reproduction, and defense.

Introduction to Plants:

https://www.youtube.com/watch?v=_F8kYkn49Ec

10 Amazing Plants:

<https://www.youtube.com/watch?v=mooMo5k2w50>

10 Incredibly Deadly plants:

<https://www.youtube.com/watch?v=RmzbQsldaFw>

WARNING: Not all plants are flowering plants...



Discuss...

Why do we have flowering plants?

What would happen to an ecosystem if we didn't have flowering plants?

Write answers on sticky notes.

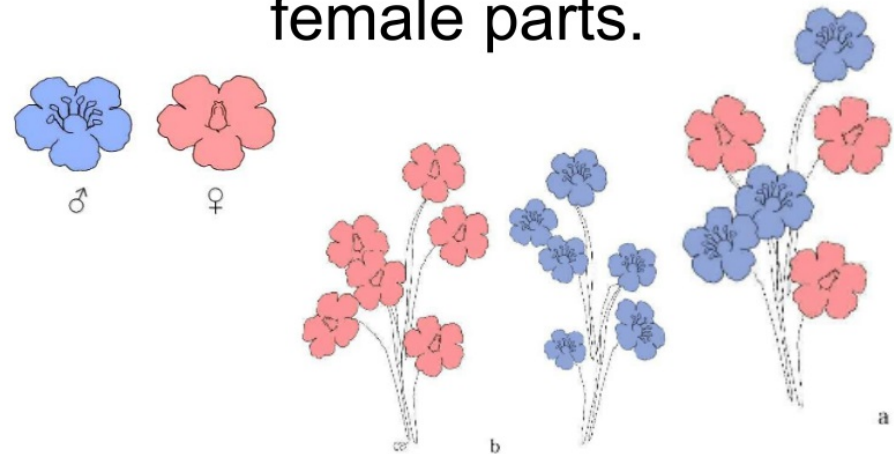
Perfect Flowers

Flowers that have both male
AND female parts.



Imperfect Flowers

Flowers with either male OR
female parts.

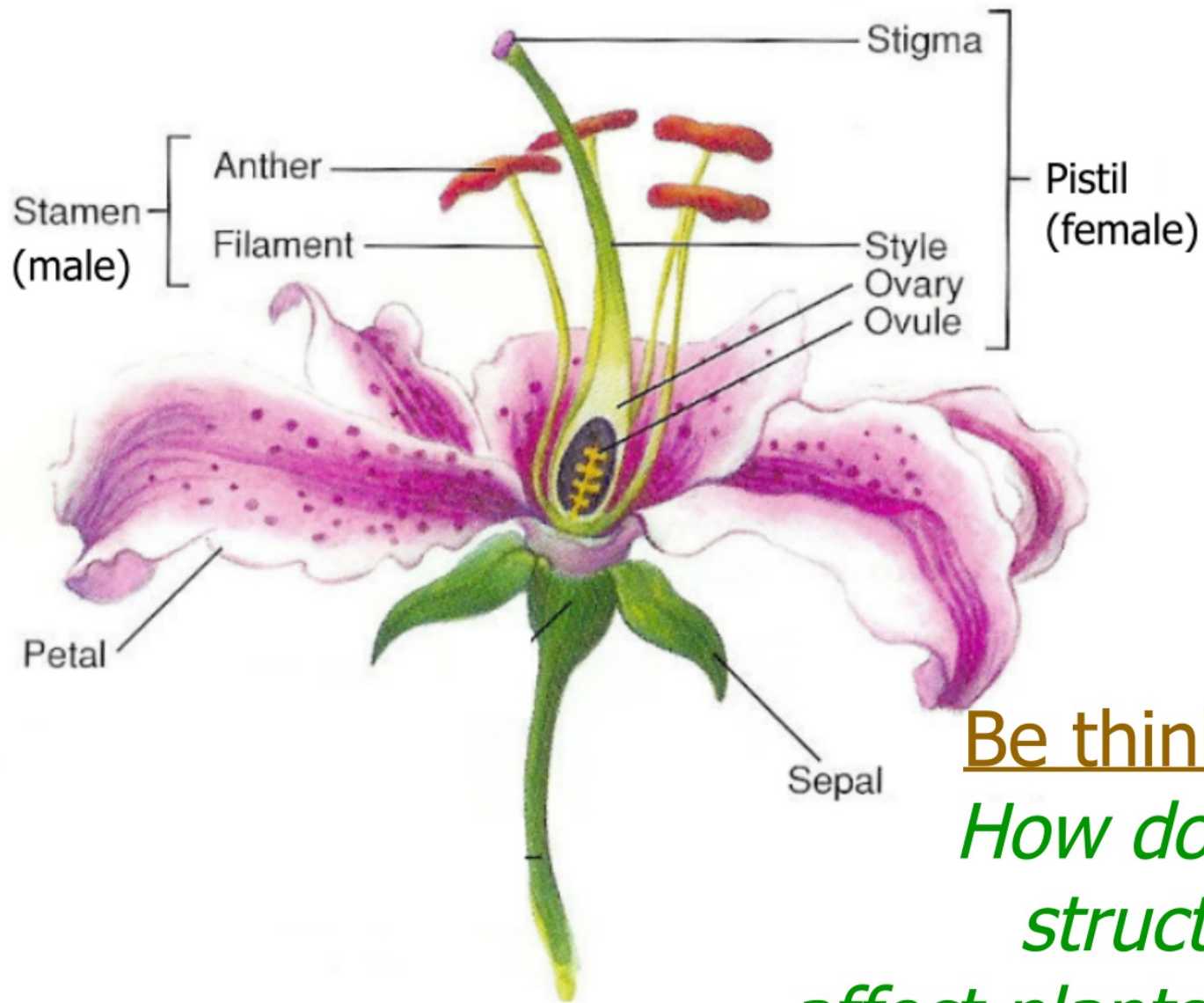


Gallery Walk:

- Fill in your chart with the flower structure information.
- Do not switch until the timer goes off. Rotate to your right.



Be thinking...
How do these structures affect plants' abilities to survive and reproduce?



Be thinking...
How do these structures affect plants' abilities to survive and reproduce?

Share
out

Whiteboards:

- Picture with labels (x1)
- Writers (x2)
- Presenter (x1)

Include:

- All information from chart.
- Two other facts (no wikipedia, Ask.com, etc.)

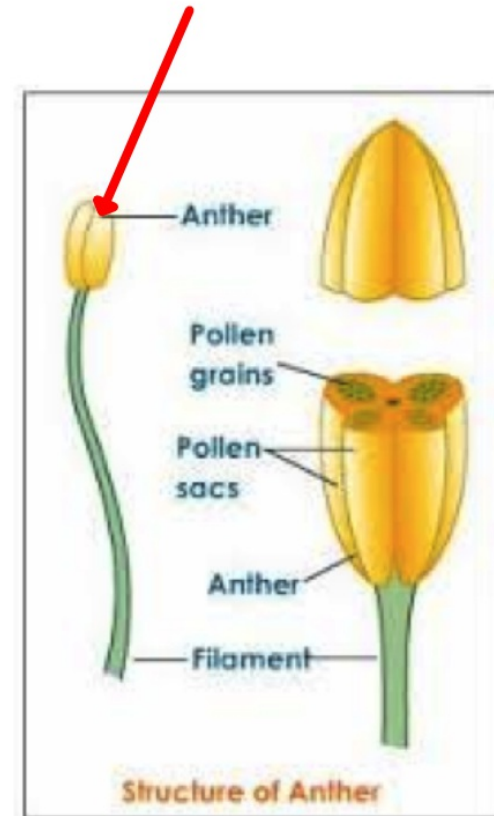
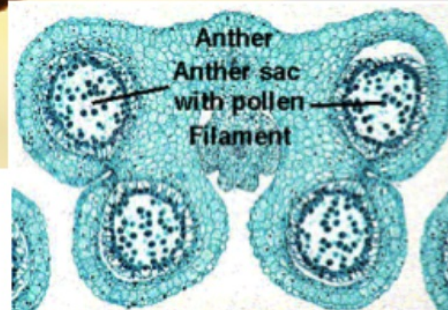
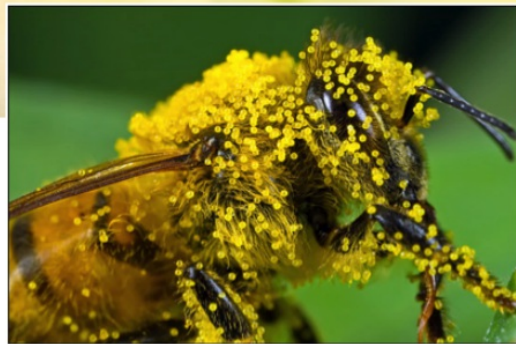
Petals



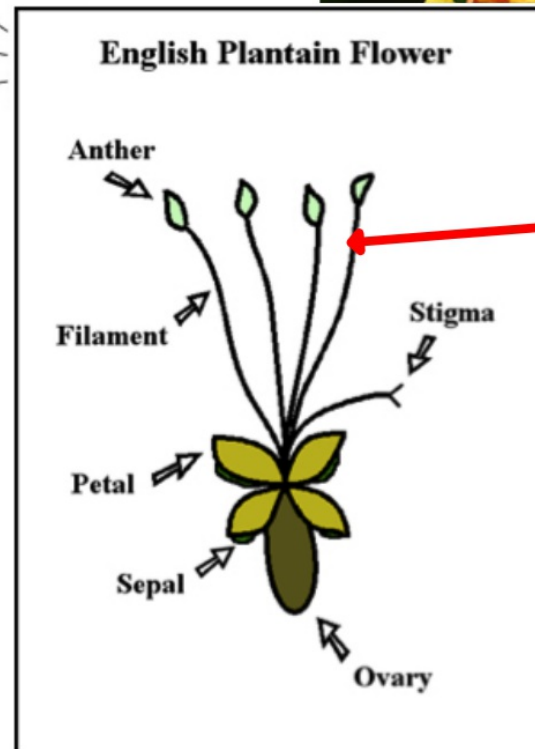
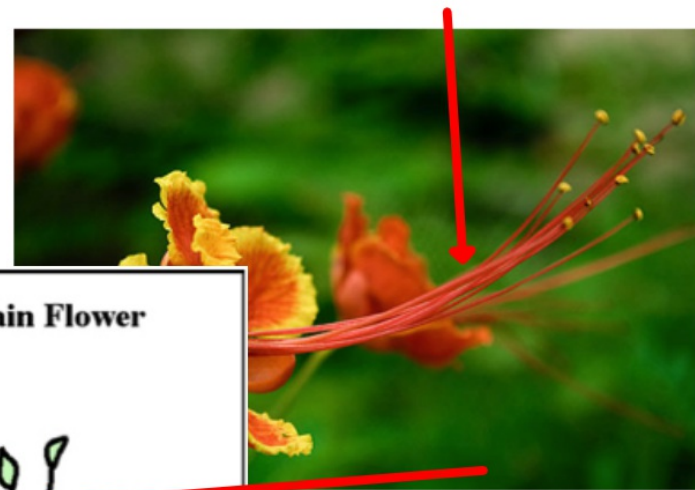
Sepals



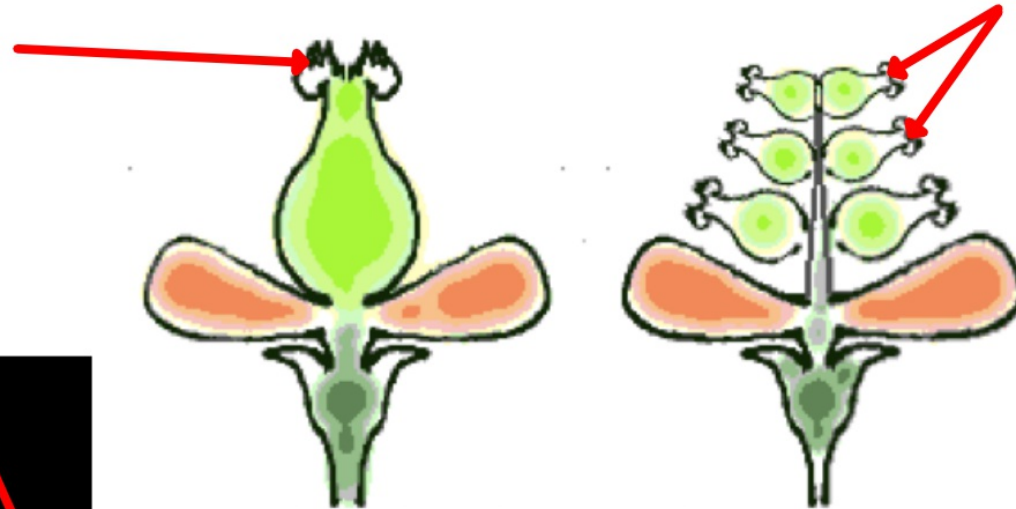
Anther and pollen (in stamen)



Filament (in stamen)



Stigma (in pistil)

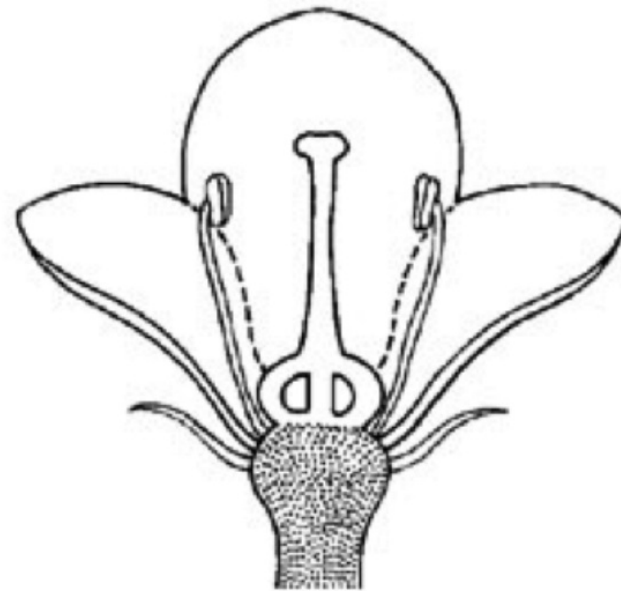
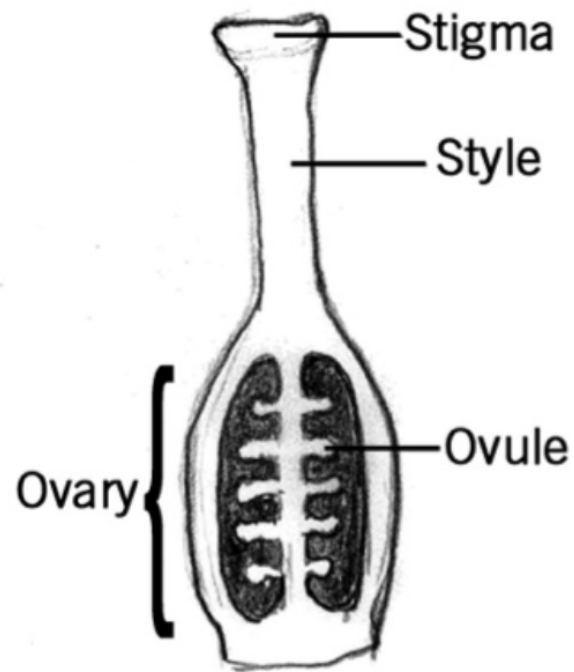


single pistil

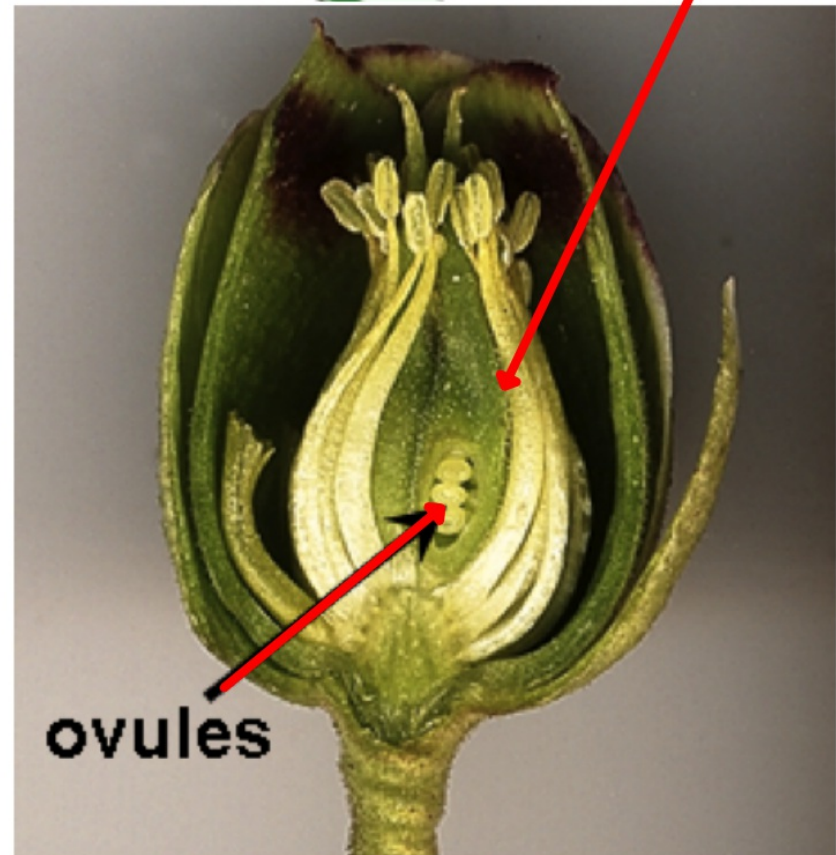
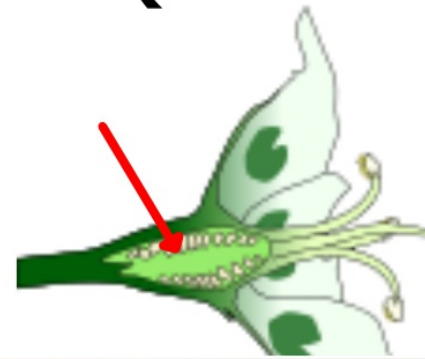
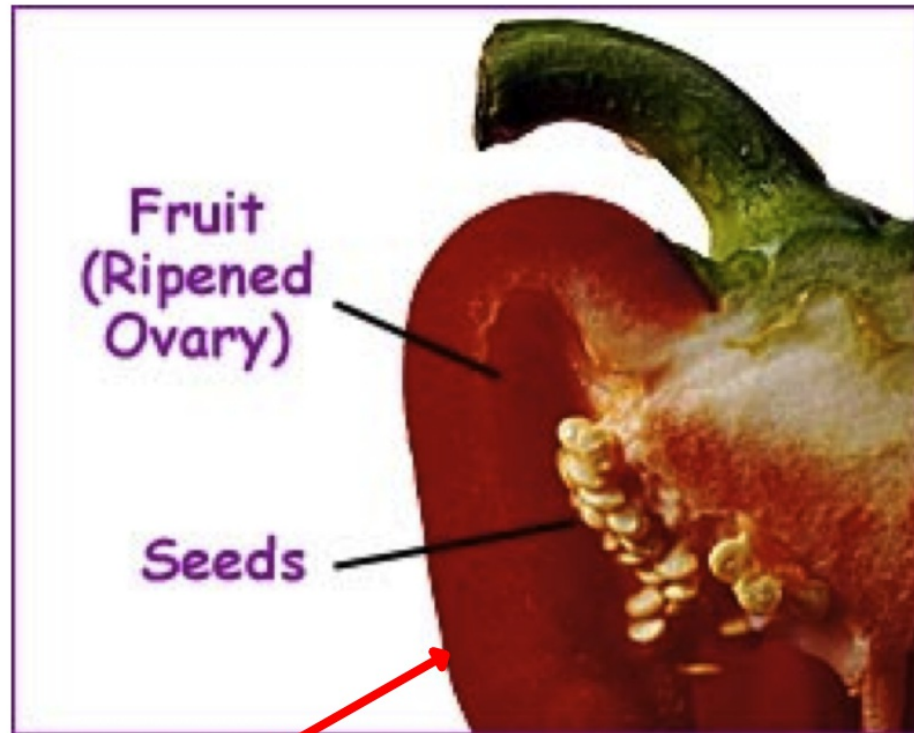
multiple pistils

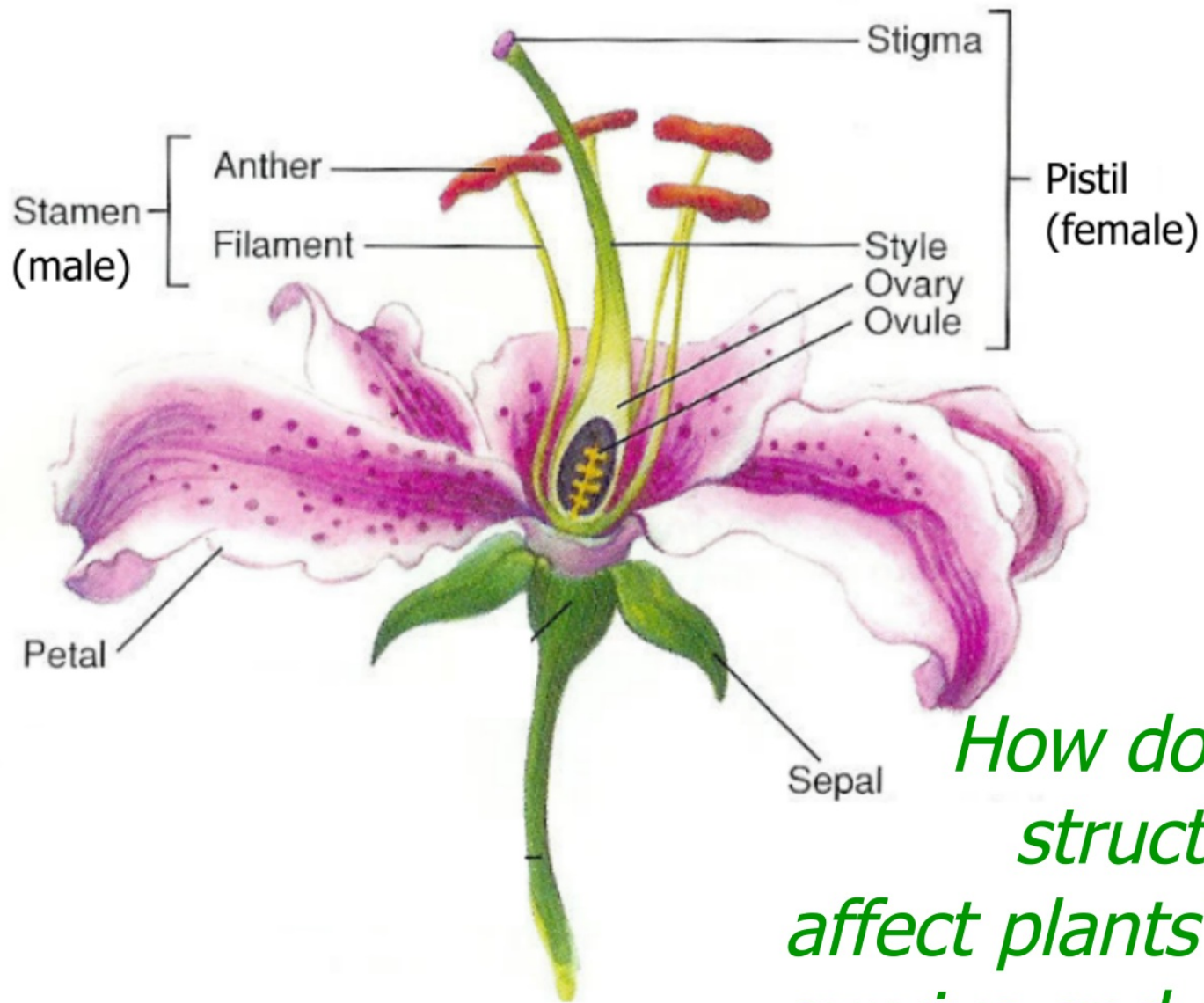


Style (in pistil)



Ovary and Ovule (in stamen)





How do these structures affect plants' abilities to survive and reproduce?

Petals? Sepals? Stamen? Pistil?

Notebook
Right

Identifying the Parts of a Flower

A. _____

B. _____

C. _____

D. _____

D&C. _____

E. _____

F. _____

G. _____

E&F&G. _____

Virtual Flower Dissection



<http://www.sciencekids.co.nz/gamesactivities/lifecycles.html>

Left
notebook

SUPER FLOWER!

1. Read the conditions that your flower lives in.
2. Modify the structure that you think will better able your plant to survive.
3. Draw your flower and explain what structure you have changed and why.