

Name: _____

Date: _____

Flower Parts Lab Sheet

Directions: Follow the steps below. Make sure to make observations and record your responses in the boxes below.

Step One: Stem (TECHNICIAN)

- Ø Cut off a piece of your stem.
- Ø Cut it in half vertically, exposing the inside workings of the stem.
- Ø Describe/draw what you see – use your hand lens to get a closer view.

Step Two: Sepal (TIME KEEPER)

- Ø How many sepals does your flower have? _____
- Ø Using your sense of touch to make observations.
- Ø Hold one sepal up to the light to observe the veins.
- Ø Use your hand lens to observe both sides. Describe your observations.

Name: _____

Date: _____

Step Three: Petals (MATERIAL MANAGER)

Ø How many petals does your flower have? _____

Ø Hold one petal up to the light to observe the veins.

Ø Describe your observations, the color & fragrance.

Ø Why do you suppose flowers have a color & a scent?

Ø Was there a difference between the sepals & petals? Similarities?

Step Four: Stamen (LEADER)

Ø How many stamen does your flower have? _____

Ø Draw and label a stamen.

Ø Use your hand lens, what do you see on the anther? _____

Name: _____

Date: _____

Step Five: Pollen (RECORDER)

Ø On top of the stamen is the anther. Pick off an anther and rub the pollen grains between your fingers and across the paper. Describe how it feels and what it looks like.

Step Six: Pistil (TECHNICIAN)

Ø Carefully pull your pistil off the receptacle and ovary.

Ø Observe it with your hand lens taking special care to check the stigma for the sticky substance that catches the pollen.

Ø How many prongs does your stigma have? _____

Ø Describe what you saw and touched.

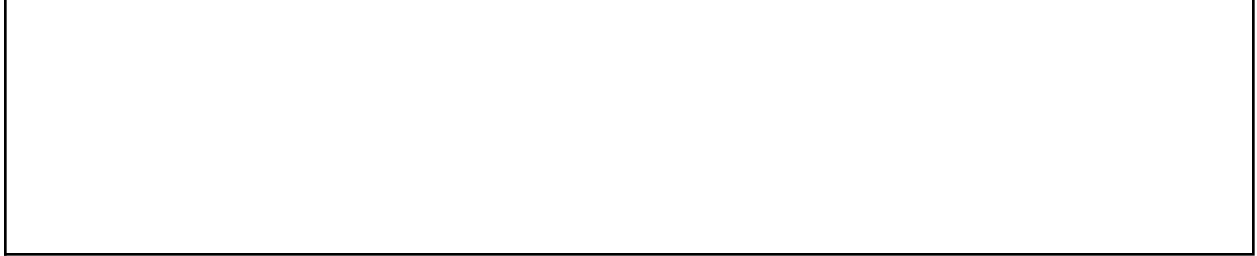
Name: _____

Date: _____

Step Seven: Ovary (TIME KEEPER)

Ø Using scissors, cut the ovary in half vertically.

Ø Use your hand lens to draw and describe what you see.



Ø Label your drawing.

Ø What do fertilized ovules turn into? _____