

WHAT ARE THE PARTS OF THE FLOWER?

1. Will need to use the power point found
www.primaryresources.co.uk/online/powerpoint/flower.ppt
2. Will need a flower from a plant of your choice (the larger the flower the better).

Questions:

1. What are the four main parts of a flowering plant? **Roots, stem, leaves, flowers**
2. What is the function each of the four main parts?
 - a. **Roots- absorb water from soil and gives plant stability**
 - b. **Stem- helps support the plant and holds leaves up to sun**
 - c. **Leaf- absorbs light for photosynthesis**
 - d. **Flowers- reproduction**
3. What is the name of the “female” portion of the flower? What is the name of the “male” portion of the flower?
 - a. **female: carpel**
 - b. **Male: stamen**
4. What are the parts of the carpel? **Style, stigma, ovary**
5. Using www.dictionary.com define each part of the carpel.
6. What are the parts of the stamen? **Anther and filament**
7. Using www.dictionary.com define each part of the stamen.
8. Draw a diagram of your flower and attach it to this assignment.

PART TWO USES <http://www.teachingandlearningresources.co.uk/floweringplants.ppt>

1. What are the four parts of a flower?
Sepals, petals, pistil (also called the carpel), stamen
2. What does each of the four parts do?
 - a. **Sepal-protect the bud until it opens**
 - b. **Petals-attract insects**
 - c. **Pistil- grow into fruits which hold the seeds**
 - d. **Stamen- make pollen**
3. What does this website give for the definition of an Anther? **Pollen grains grow in the anther and it splits open to release them**

4. This web site calls the female reproductive part of the flower the pistil (the other website calls it the carpel). Both terms are used interchangeably.
5. What do flowering plants use to transfer pollen (the process of pollination)? **Wind, insects, bats, birds, mammals**
6. How do fruits form? **The carpel enlarges and forms a fleshy wall to protect the seeds**
7. How do animals help with seed dispersal? **Eat the fruits and excrete the seeds in wastes; bury the seeds; get the seeds caught in their fur.**