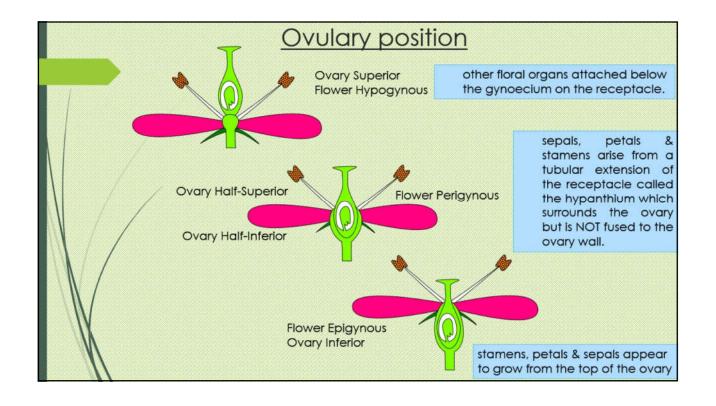


Female Reproductive Structures: Called carpals Carpals may be fused to form the pistil Produce eggs ✓ Composed of 3 parts --- stigma, style, and ovary √ Stigma is located at the top and may be sticky or have hairs to hold pollen grains landing there √ Style is a stalk-like connection between the stigma and the ovary Ovary is the enlarged base containing ovules with eggs Male Reproductive organs: ✓ Called stamens ✓ Produce pollen ✓ Composed of 2 parts --- filament & anther (pollen sac) ✓ Anthers produce pollen grains containing sperm √ Filament is stalk-like & supports the pollen sacs



Floral Formula ymbol in a floral formula descri

The first symbol in a floral formula describes the symmetry of a flower.

- (* or * Radial symmetry Divisible into equal halves by two or more planes of symmetry (actinomorphic flower).
- (+) Bilateral symmetry Divisible into equal halves by only one plane of symmetry.
- (\$) Asymmetrical Flower lacking a plane of symmetry, neither radial or bilateral.
- If there is only one plane of symmetry, then the flower is zygomorphic and is represented by

Symmetrical Four Four Six petals in calyx corolla

K4 C4 A2 + 4 Six Joined together

1

