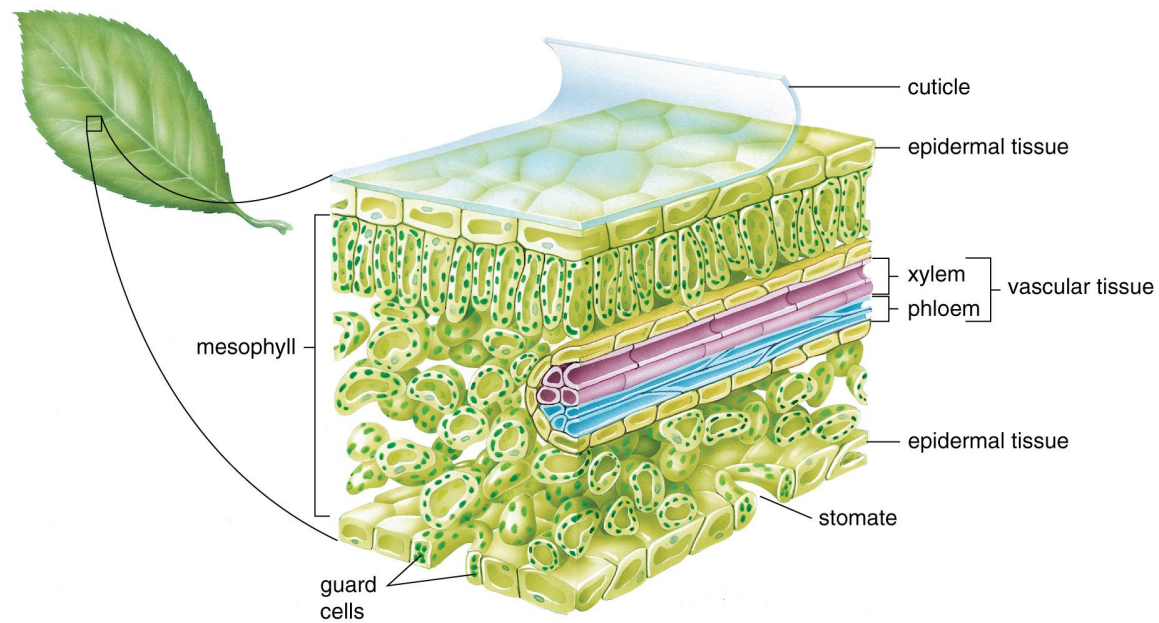


Organs of plants

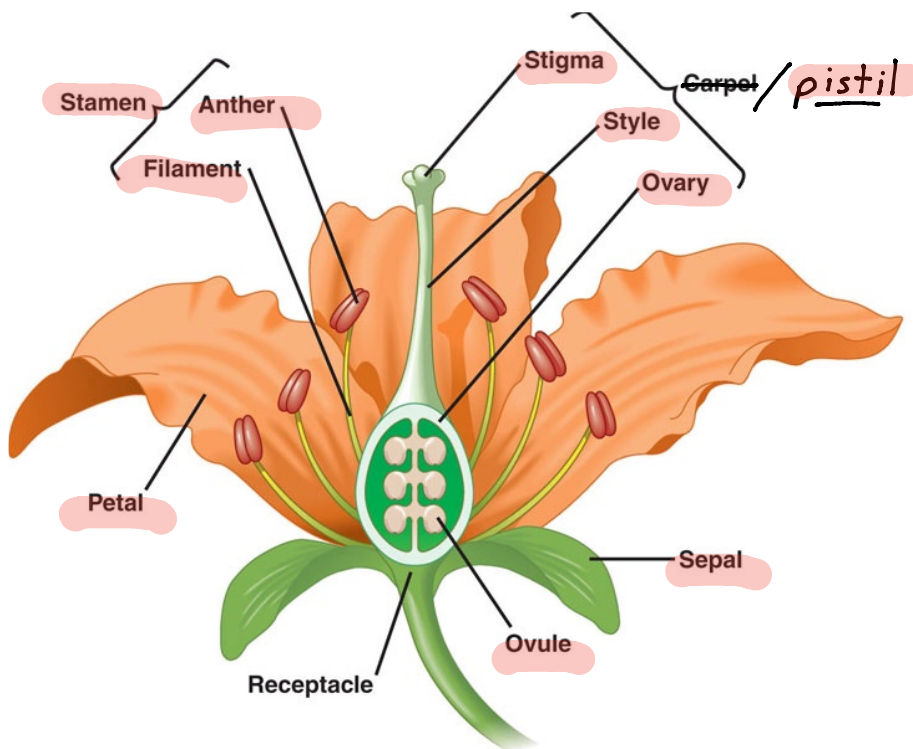
LEAF



What are the functions of the various parts of a leaf?

FLOWER

How is the structure of a flower designed for reproduction?



Functions of Plant Organs

Roots

- Anchors the plant in soil
- Collect water and minerals
- Storage of food – starch and sugars

Leaf

- Photosynthesis
 - Carbon dioxide and water and sunlight ☐ sugars and oxygen
- Gas exchange
 - Stomata open and close to allow carbon dioxide to enter and oxygen and water to leave
 - Guard cells control the openings

Stem

- Transport of materials – vascular tissues
- Support of leaves and flowers

Flower

- Reproductive structure
- Attract insects and birds in order for pollination
 - Male pollen ☐ female pistil ☐ eggs
- Seed/fruit development