# 68
# Anchor Charts for
## PLANT STRUCTURES AND PROCESSES

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# Anchor Charts Cover:

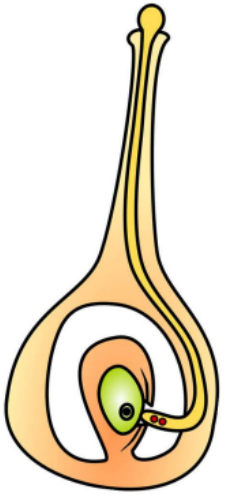
- plant processes
- photosynthesis and cellular respiration
- ATP and cellular metabolism
- chloroplasts and chlorophyll
- transpiration and stomata
- vascular and nonvascular plants
- xylem and phloem
- water and sugar transport
- roots and stems
- angiosperms
- parts of a flower
- plant reproduction
- pollination and pollinators
- fertilization and seed formation
- germination and seed dispersal
- physical plant defenses
- chemical plant defenses
- mimicry and camouflage

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# Reproduction in Flowering Plants

occurs when pollen from the male structure reaches the female structures and are fertilized



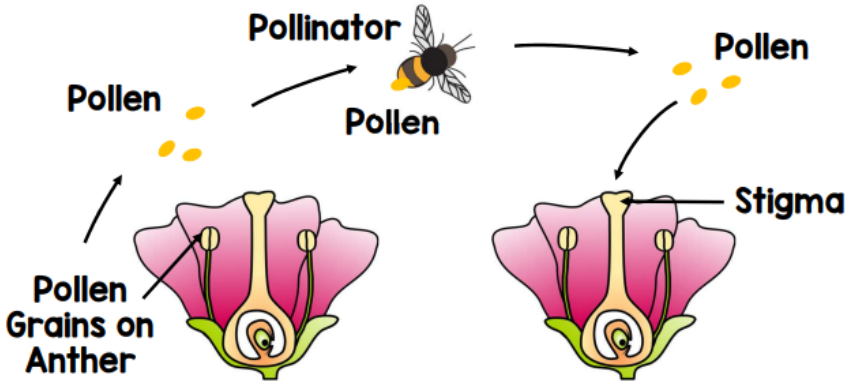


Most flowers have both male and female reproductive structures.

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# Pollination

the transfer of pollen from the anther to the stigma of a flower




Pollen can travel from plant to plant through wind, water, or pollinators.

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Half-Sheet Size

# Angiosperms

flowering plants that produce flowers as part of their reproductive structures





the largest and most diverse group of living land plants

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Full-Sheet Size