

Introduction to Plant Reproduction

What You'll Learn:

Distinguish between the two types of plant reproduction.

Describe the two stages in a plants life cycle.

Types of Reproduction

*Sexual-joining of sex cells producing offspring genetically different from parents.

*Asexual-one organism produces offspring genetically identical to the parent.

Asexual Plant Reproduction

*Under the right conditions an entire plant can grow from a leaf, stem or root.



Sexual Plant Reproduction

*Fertilization occurs when sperm and egg combine producing a zygote.

*Wind, water, or insects must help with fertilization.



Reproductive Organs

*Male organs produce sperm; Female organs produce eggs.

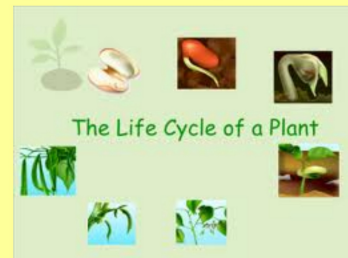


*Some plants contain both while others are either male or female.



Plant Life Cycles

*All organisms have a life cycle.



Two Stages

*Gametophyte stage- haploid spores are produced.

*Sporophyte stage- fertilization occurs and diploid cells are produced.

