

GLOSSARY

Asexual reproduction

It is a type of reproduction in plants where plants can give rise to new plants without seeds.



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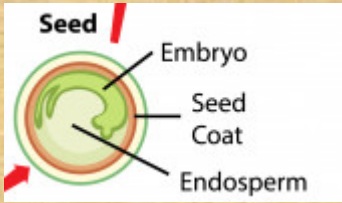
Budding

Budding is a type of asexual reproduction in which a new organism develops from an outgrowth or bud due to cell division at one particular site.



Embryo

Embryo is a part of seed or bud that contains the earliest form of plant and its parts.



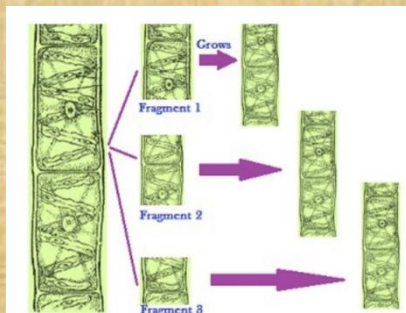
Fertilisation

This process of fusion of male and female gametes to form a zygote is called fertilization.



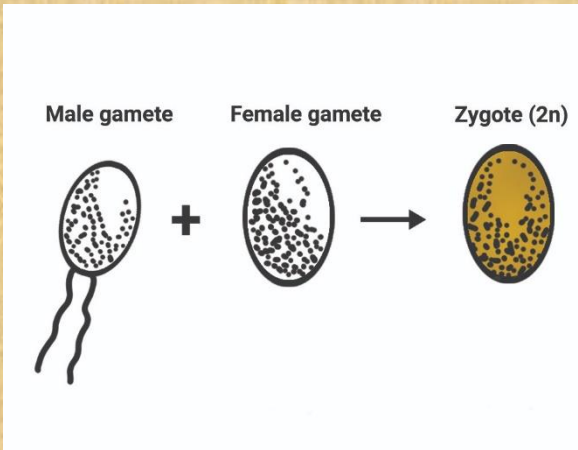
Fragmentation

An alga breaks up into two or more fragments. When water and nutrients are available algae grow and multiply rapidly by fragmentation.



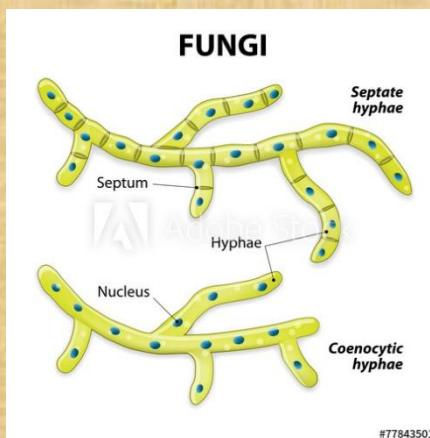
Gametes

Gametes are the reproductive parts of a plant.



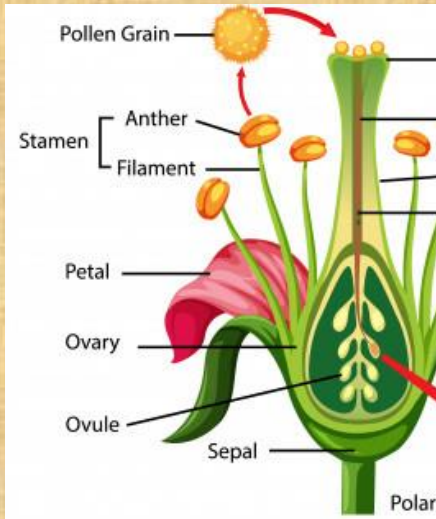
Hypha

A hypha is along branching filamentous structure of a fungus.



Ovule

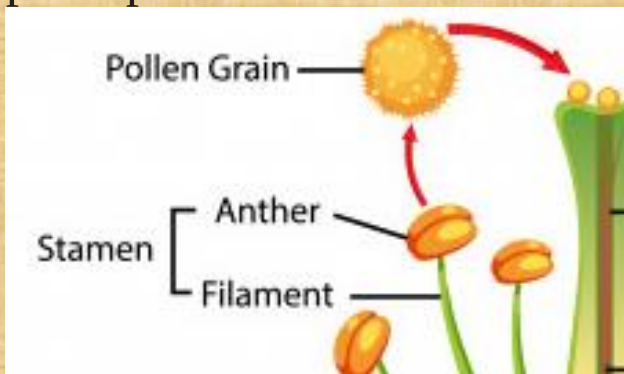
An ovule is a female reproductive organ that is present in the ovary of the pistil of a flower.



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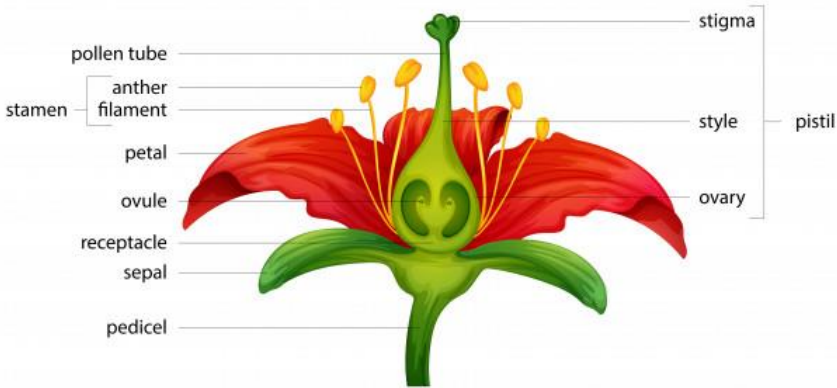
Pollen grain

Pollen grains are the male reproductive organ of a plant present in the anther of stamen.



Pollen tube

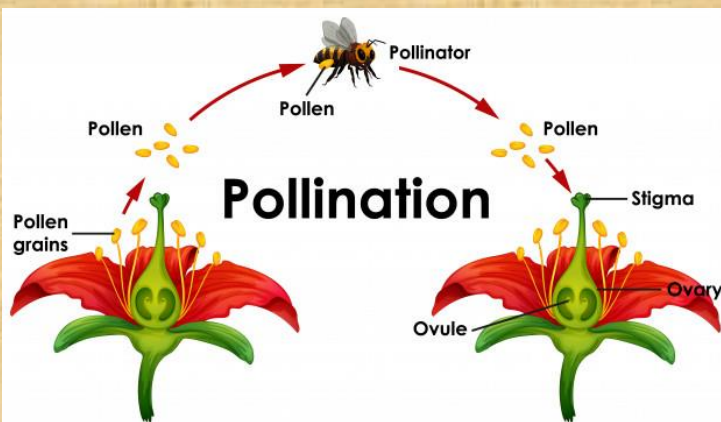
Parts of a Flower



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Pollination

Pollination is the act of transferring pollen grain from the male anther of a flower to the female stigma.



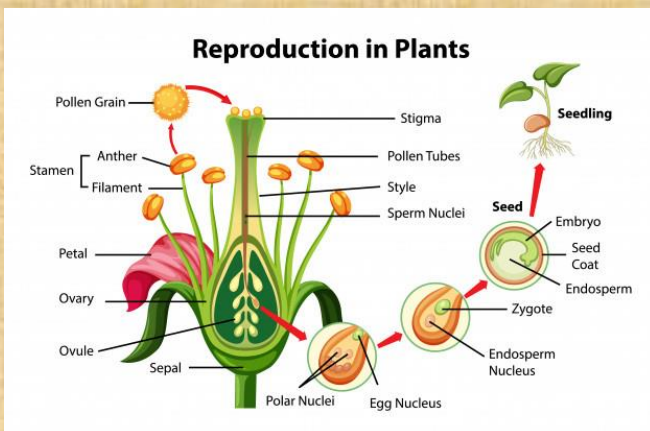
Seed dispersal

Seed dispersal is the movement, spread or transport of seeds away from the parent plant. Seed are dispersed by pollinating agents such as wind, water and animals.



Sexual reproduction

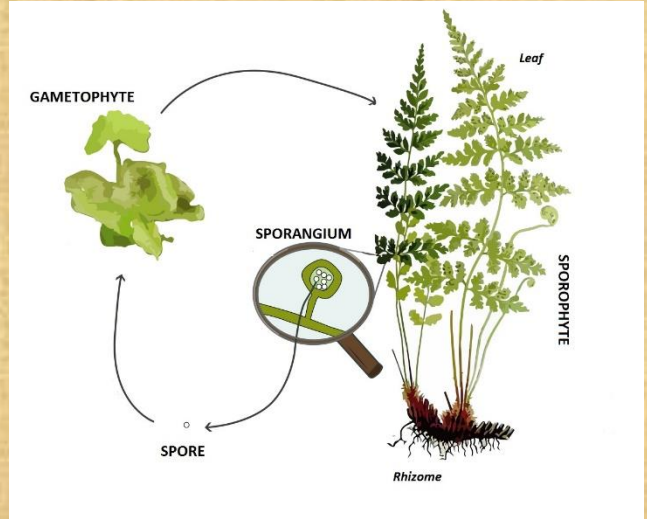
In Sexual reproduction, new plants are obtained from seeds.



Spore & S Sporangium

Spores are the agents of asexual reproduction in plants. They are capable of developing into a new individual without fusion with another reproductive cell.

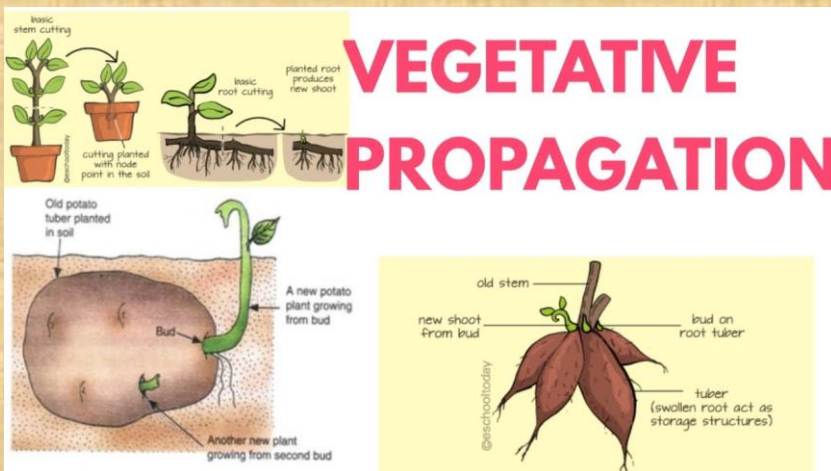
Sporangium is the enclosure in which spores are formed.



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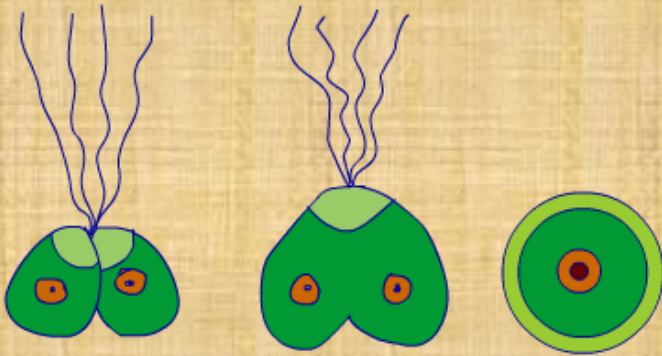
Vegetative propagation

Reproduction that happens the vegetative parts of the plant such as root, stem, leaf are is known as vegetative propagation.



Zygote

Male and female gametes of a plant's reproductive system fuse together, it results into a cell called zygote



Fusion of
gametes

Zygote

New
individual

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