



Sexual Reproduction in Flowering Plant One Shot In 15 Mins | NEET 2026 | Seep Pahuja



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Vocabulary Flashcards (pg 1)

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Flower

Stamen

Pollen

Ovule

Fertilization

Embryo

Pollination

Germination

Seed

Fruit

Gamete

Hybridization

Vocabulary Flashcards (pg 2)

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A flower is a special part of a plant where reproduction happens, leading to the formation of seeds and fruits.

The stamen is the male reproductive part of a flower, consisting of a filament and an anther where pollen is produced.

Pollen is a fine powder produced by the male parts of flowers, containing the male gametes necessary for fertilization.

An ovule is a structure in the female part of a flower that develops into a seed after fertilization.

Fertilization is the process where male and female gametes unite to form a zygote, leading to the development of an embryo.

An embryo is the early stage of development of a plant or animal after fertilization, which eventually grows into a mature organism.

Pollination is the transfer of pollen from the male part of a flower to the female part, enabling fertilization to occur.

Germination is the process by which a seed develops into a new plant, starting with the growth of the embryo.

A seed is a small, hard part of a plant that can grow into a new plant, containing the embryo and food supply.

A fruit is the mature ovary of a flower that contains seeds, often helping in their dispersal.

A gamete is a reproductive cell that unites with another gamete during fertilization to form a new organism.

Hybridization is the process of crossing different plant varieties to produce offspring with desired traits.

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Mitosis

Meiosis

Apomixis

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Mitosis is a type of cell division that results in two identical daughter cells, important for growth and repair.

Meiosis is a special type of cell division that produces gametes with half the number of chromosomes, essential for sexual reproduction.

Apomixis is a form of asexual reproduction where seeds are produced without fertilization, allowing for genetic stability.