

## Reproduction

### Introduction

Sexual reproduction is the process of development of new organisms through the formation and fusion of gametes.

Gametes are not formed by the sporophytic structures of flowering plants. **They produce spores and then gametophytes.**

### Flower

Flowers are formed over mature plants in response to hormone induced structural and physiological changes in shoot apices.

Shoot apices are transformed into an inflorescence over which floral primordia develop

**Inflorescence** - the complete flower head of a plant including stems, stalks, bracts, and flowers.

the arrangement of the flowers on a plant.

the process of flowering.

**floral primordia** - the grp of cells or tissue in an angiosperm or flowering plant which gives rise to a flower.



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