

Presentation NotesPresentation All in a FlowerLesson 5.2

Notes from Presentation:

Importance of Flowers

Value to the plant- sexual reproduction

Processes of reproduction

- Pollination
- Fertilization

Seeds are produced

Flower Parts

Female parts

- Ovule- the egg cell of the plant- becomes the seed when fertilized.
- Pollen tube- Transfers pollen from stigma to ovule
- Pistil- made of three parts
 - Stigma- Collects pollen
 - Style- Supports stigma
 - Ovary- Contains one or more ovules

Male parts

- Anther- develops and contains pollen
- Stamen- Male part of flower, consists of two parts
 - Filament- Supports anther to assist with pollination
 - Pollen- Male sex cell

Supporting Parts

- Petal- Protects pistil and stamens, and attracts insects for pollination
- Sepal- Outermost leaves protecting the flower during the bud stage

Types of Flowers

- Complete- Contain all major flower parts including petals, sepals and both reproductive organs
- Perfect Includes both female and male reproductive parts
- Incomplete- missing one or more of the sepals, petals, stamens, or pistils
- Imperfect- Pistillate- lack stamens. Staminate- lacks pistils

AFNR Reflection Page

List five key points that are important to remember from this presentation.

1. There are female and male flowers.
2. Reproduction is important for flowers
3. There are 4 types of flowers
4. Female and male have different parts for reproduction
5. They use pollination to reproduce

List three ideas or concepts that this new information has in common with previous things learned.

1. Reproduction is important for life
2. Female and Male are important for reproduction of life
3. There are different types of animals and different types of animals.

List questions or ideas that remain unclear about the information presented that should be asked for clarity at the appropriate time.

None