

FLOWER

Subject

Basic Science

Prepared By

[Instructor Name]

Grade Level

4

Overview

This lesson plan covers teaching content for;

1. Parts of a flower.
2. Stages of developments from flower to fruits.

Objectives

Students should be able to;

1. Identify and list the parts of a flower.
2. Identify and describe the functions of different parts of flower.
3. Explain the stages of developments from flower to fruits.

Activity Starter/Instruction

1. Ask students if they have seen a flower before?
2. Ask them where and if it is attached to a plant?
3. Show them a flower or a picture of a flower.
4. Show them the parts of a flower.
5. Explain to them the different functions of each part of a flower.

Guided Practice

Day 2/ Lesson 2: 15 Mins

1. Each student or pair of students should be given a flower bloom, tweezers/scissors, white sheet of paper and clear tape.
2. Have the students locate the stamen, pistil and petals of the flower.
3. With scissors or fingers, students should remove the three flower parts.
4. The students should tape these to a white sheet of paper and label each part.
5. If enough flowers are available, the students may also tape on the paper a complete flower for comparison

Teacher Guide

Day 1/ Lesson 1: 15 Mins

1. Draw an unlabeled flower on the board.
2. Tell students to draw it in their book and label it.
3. Walk through the class and check their work.
4. Write correction on the board.
5. Explain to students the function of a flower (It helps in reproduction, seed formation and fruit formation).
6. Differentiate and identify the male and female parts of a flower to the students on the board. Telling them these parts (male and female part) are involved in reproduction.
7. Ask students to draw and complete the table below in their note.

Parts of a flower	
Female part	Male part
It consist of	It consist of
i. -----	i. -----
ii. -----	ii. -----

Materials Required

- Flowers
- Tweezers/Scissors
- White sheet of paper
- Clear tape
- Pictures

Additional Resources

- <https://www.brighthubeducation.com/lesson-plans-grades-3-5/96395-parts-of-a-flower-lesson/>
- <https://www.slideshare.net/pd81xz/xwb29>
- <https://k8schoollessons.com/pollination-and-fertilization/>
- <https://www.sutori.com/item/untitled-d496b516>

Additional Notes

Guided Practice

Day 3/ Lesson 3: 15 Min

1. Ask students the following question:
 - Where are fruits gotten from? (their answer: from trees)
 - Ask them if they have ever thought how trees/plants produces fruit?
- 2.Explain to them that for a flower to form fruit it has to go through the following developmental stages:
 - Pollination
 - Fertilization
- 3.Introduce and give a brief definition/explanation on pollination and fertilization.
- 4.Explain to them what happens after fertilization in the development of a fruit. (After fertilization the petals, the stamen and the stigma fall off. The **ovules** become the **seeds**. The **ovary** becomes the **fruit**.)
- 5.Show students a picture (you can print out the picture in the last link at the additional resources section) showing the relationship and developmental stages of fruit from flower.

Assessment Activity

Assess if pupils can:

1. Can describe a flower.

Assessment Activity

Assess if pupils can:

1. List and identify the parts of a flower.
2. Explain how fruit is developed from flower.

Summary

- 1.
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