



Key Stage 2 Lesson 2 – Super Seagrass

Practical activity – Dissect a flower

Introduction

Seagrass is a flowering plant that lives in the sea; in fact, seagrasses are the only flowering plants that can live in seawater and pollinate underwater! Flowers are not only beautiful but a very important part of a plant. It is the flower that produces the seeds to grow new plants. For a plant to reproduce, a process called pollination needs to take place. During pollination, pollen from the male part of a flower moves to the female part of a flower. In plants on land, pollen is moved by bees, other insects, birds and the wind. In seagrass, pollen is moved by the sea.

Dissect a flower, label the different parts of the flower and explain their roles in plant reproduction.



You Will Need (Per Person):

- A flower
- A paper plate or tray to dissect the flower on
- Magnifying glass (optional)
- Tweezers
- Scissors
- Paper or exercise book
- Coloured pencils / pens

Method

- Lay your flower out on a paper plate or tray.
- Use your tweezers and scissors to carefully pull the flower apart and separate out the different parts of the flower.
- Lay the different parts of the flower out on the plate and draw a picture of the parts of the flower on a piece of paper or exercise book.
- Label the different parts of the flower on your drawing and explain the roles of the different parts of the flower.



Can you find these parts of a flower?

- Sepal
- Petal
- Stamen
- Anther
- Filament
- Carpel
- Stigma
- Style
- Ovary
- Ovule
- Receptacle
- Pedicel

