

Living Things and Their Habitats:

Making New Plants 1

Aim: To describe the life process of reproduction in some plants and animals by exploring sexual reproduction in plants. I can describe how some plants reproduce.	Success Criteria: I can explain the difference between sexual and asexual reproduction. I can identify the function of the parts of a flower. I can describe ways that plants are pollinated in order to reproduce.	Resources: Lesson Pack
	Key/New Words: Sexual, asexual, reproduction, gamete, cell, pollen, ovule, fusion, fertilisation, pollination.	Preparation: Parts of a Flower Information Cards - cut out and stuck up around the classroom Parts of a Flower Activity Sheet - 1 per child Pollination Activity Sheet - 1 per child

Prior Learning: It will be helpful if children have learnt about the parts of a flower and the processes of pollination and fertilisation in Year 3.

Learning Sequence

	Reproduction: Briefly explain sexual and asexual reproduction using the information and the pictures on the Lesson Presentation . Explain sexual reproduction in more detail, referring to the Lesson Presentation .	
	Parts of a Flower: Children recap what they learnt in Year 3 about the parts of a flower and their function. Children move around the classroom to find the Parts of a Flower Information Cards . Children use the information they find to complete the boxes on the differentiated Parts of a Flower Game Activity Sheet . <i>Look for children who can identify and explain the function of the different parts of a flower.</i> Add information to the sheet with the names of the parts of the flower already filled in. Complete the sheet by adding the names of the parts of the flower and information about their functions.	
	Insect or Wind? Use the Lesson Presentation to recap pollination. Address any misconceptions. Discuss the fact that plants can be pollinated by insects or by the wind. Children sort the pictures and explanations on the differentiated Pollination Activity Sheet . <i>Look for children who can describe the different ways plants reproduce through the processes of pollination and fertilisation.</i> Sort the full statements. Sort the statements, including some with gaps to fill in. Sort the statements, including some blank ones to complete.	
	Sexual or Asexual: Children sort the statements on the Lesson Presentation according to whether they describe sexual or asexual reproduction. <i>Look for children who can identify whether each statement describes sexual or asexual reproduction.</i>	

Taskit

Playit: Use these [loop cards](#) to match the parts of a plant and flower with a description of their functions.

Photographit: Children use a camera to photograph flowers around school or the local area. Sort them into wind or insect pollinated, based on the features they see.

Observeit: Grow tomatoes or sunflowers to watch pollination and fertilisation in action. Look out for insects going into the flowers, then later in the year look at the seeds that have formed in the flower head or inside the fruits.