

















Plants: Fantastic Flowers

<p>Aim: To explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal by understanding pollination and fertilisation.</p> <p>I can name the different parts of a flower and explain their role in pollination and fertilisation.</p>	<p>Success Criteria: I can identify the different parts of a flower. I can explain what each part of a flower does. I can explain the process of pollination. I can explain how pollination leads to fertilisation.</p>	<p>Resources: Lesson Pack</p> <p>Flowers with visible stamens, stigma and style - tulips and lilies are good examples</p>
	<p>Key/New Words: Petals, sepal, stamen, anther, filament, stigma, style, ovary, ovule, pollen tube, pollen, pollination, fertilisation.</p>	<p>Preparation: Flower Dissection Mat Activity Sheet - 1 per pair Paper Flower Dissection Activity Sheet - as required Differentiated Parts of a Flower Activity Sheet - 1 per child Differentiated Pollination Process Activity Sheet - 1 per child</p>

Prior Learning: Children will have learnt about the structure of a plant and the function of the flower in lesson 1.

Learning Sequence

	<p>What is a Flower? Use the Lesson Presentation to discuss the role of a flower and the fact that it is made up of different parts.</p>	
	<p>Dissect a Flower: Give each pair of children a flower. Ask them to dissect it carefully, separating it into the different parts. They should use the Flower Dissection Mat Activity Sheet to organise the different pieces, placing them under the correct heading. The children should use the image on the Lesson Presentation to identify the different parts. Remind them to be very careful when handling the flower, and to wash their hands afterwards. Any children unable to handle flowers can use the Paper Flower Dissection Activity Sheet.</p>	
	<p>What Jobs Do They Do? Discuss the fact that each part of the flower has a job to do in order to make a seed. Play the video and watch as each part of the flower is discussed. After watching the video, children should complete the differentiated Parts of a Flower Activity Sheet by matching the parts of the plant with the explanations of their jobs.</p> <p>  Children match 5 parts of a flower.  Children match 7 parts of a flower.  Children work out which parts of a flower are missing their explanations and write their own. </p>	
	<p>Pollination and Fertilisation: Explain the processes of pollination and fertilisation using the Lesson Presentation. Address any misconceptions.</p>	
	<p>The Pollination Process: Using what they have learnt during the lesson, children should complete the differentiated Pollination Process Activity Sheet by filling in the gaps. <i>Can children articulate their understanding of pollination and fertilization?</i></p> <p>  Children cut out and stick the sentences in the correct order.  Children use the key words for support.  Children use their own ideas. </p>	

Taskit

Growit: Why not grow a plant and watch pollination in action? Tomatoes and beans are good ones to try. When the plant bears flowers, watch it carefully for the different stages in the pollination process.

Drawit: Draw a diagram to show your understanding of pollination. Can you label the different parts of a flower?

Playit: Create a game of pairs by drawing the parts of a flower on cards, and writing an explanation of each part's job on different cards.