

Plant scientists Classroom activity pack

This pack contains a series of activities for you to complete with your class both before and after your visit to Kew.

You may choose to do all the activities or just select one. Post-visit activities are intended to build on the learning from the educational session at Kew. The resources can be used on a whiteboard or can be printed.



Pre-visit teacher notes

Upper KS2 Plant scientists

Thank you for booking the Plant scientists education session at Kew. You can use the pre-visit activity to support your pupils' learning.

Ahead of your visit, your pupils could answer the question below. They can tell us about their answers when they come to Kew.

 **Question:** What does a plant scientist do?

You can encourage your pupils to use this key vocabulary:

experiment, investigate, observe, test, look after,
travel, collect, research.



 What does a plant scientist do?

Try to use some of this vocabulary in your answer.

travel

observe

experiment

test

investigate

collect

look after

research



Post-visit teacher notes

Upper KS2 Plant Scientists

We hope that the teaching session assisted in developing the skills and knowledge of your pupils and provided them with an insight into the amazing plants and world-leading plant science at Kew.

Following your visit, you can use the post-visit activity to further support your pupils' learning.

Pupils could carry out a plant audit of their school grounds. In small groups, pupils could observe a plant or selection of plants across the year and observe the changes to the plants, their surroundings and the pollinators that are visiting the plant/flower.

Pupils may wish to use the following table as a guide.



Post-visit teacher notes



Upper KS2 Plant Scientists

Name:	SEASON			
Date:	SPRING	SUMMER	AUTUMN	WINTER
Weather conditions				
Description of plant (include a drawing)				
Where is the plant growing? (amongst other plants, shaded area?)				
Name of plant if known				
Pollinators visiting the plant				
What different changes did you notice?				



Thinking back to your visit to Kew

At Kew you observed different stages of the life-cycle of a plant.
Discuss and describe the main stages of the life-cycle of a plant.
Try to use some of this vocabulary in your answer.

life-cycle

seed dispersal

germination

growing plant

flowering plant

pollination



Post-visit Pupil activity



Upper KS2 Plant Scientists

We would like you to observe the life of a plant in your school grounds over the course of a year. To do this you will need to choose one or more plant(s) and keep a record of the changes you notice.

You may wish to display/record your observations in a table similar to the one below.

Name:	SEASON			
Date:	SPRING	SUMMER	AUTUMN	WINTER
Weather conditions				
Description of plant (include a drawing)				
Where is the plant growing? (amongst other plants, shaded area?)				
Name of plant if known				
Pollinators visiting the plant				
What different changes did you notice?				