



# Anatomy of a Plant



## About this Learning Resource

This resource challenges students to describe a plant in as much detail as possible to their peers. Students will have fun trying to draw plants from the descriptions.

## How to use this resource:

- You will need: paper, pencils, and plants (or use the images provided).
- Set up the classroom with chairs back-to-back and students working in pairs.
- If there are no plants to use in the classroom, students can use the provided plant illustrations by Gillian Barlow.
- Ask student A to describe the plant/image they are looking at, while student B draws the plant according to the description, without being able to see it.
- Teachers may add prompts or suggest using similes.
- Reveal the plant being described and compare it to the drawing; then swap over.
- After everyone has had a turn, students work together to label different parts of the plant in their drawings.

## National Curriculum Links:

### KS1 Science

- Identify and describe the basic structure of a variety of common flowering plants.

### KS1 English

- Planning or saying out loud what they are going to write about.

### KS1 Art and design

- To use drawing to develop and share their ideas, experiences, and imagination.

### KS2 Science

- Identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves, and flowers.

## Chelsea Physic Garden Visit

This resource supports the Plant Hunter and Seed Dispersal sessions at Chelsea Physic Garden and is for use in the classroom pre-visit, or at any time.

## Learning Objectives:

- Students will be able to identify and label parts of a plant.
- Students will extend their vocabulary when talking about plants.
- Students will consider ways to record and describe plants.
- Students will practice speaking and listening with peers.
- Students will practice observation skills.





# Anatomy of a Plant: Drawing Activity



Use the box below to draw your partner's plant from their description, without seeing the plant yourself.

Person A draws, while Person B describes. And then swap.

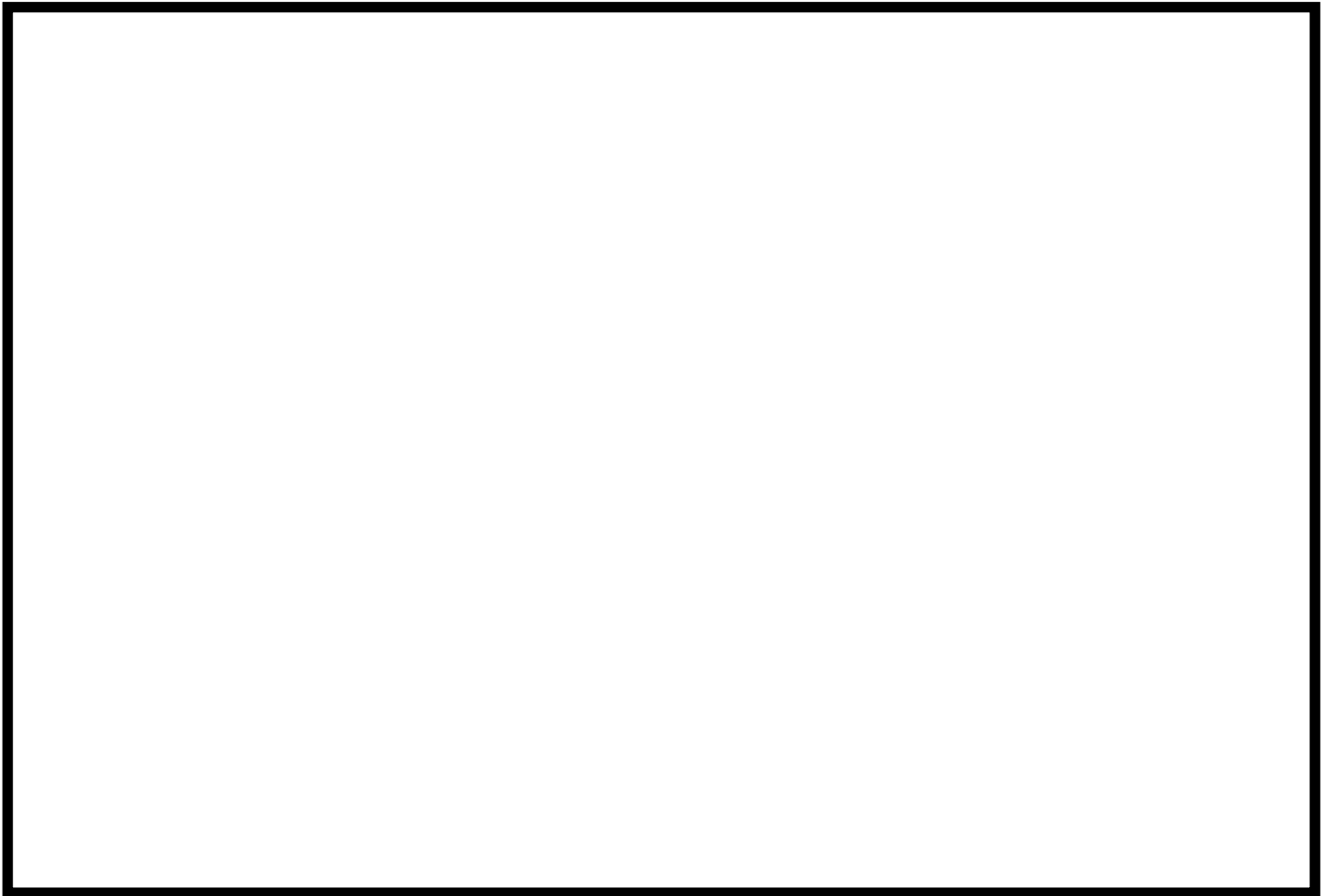
If you get stuck, here are some prompts to help describe your plant:

The leaves are...

The stem is...

The flowers are...

The seeds are....



Once you have both had a turn, work together to label the plant parts in your drawings.

Did you find it difficult to describe your plant? Without cameras, how do you think scientists were able share their discoveries with the world?



# Plants at Chelsea Physic Garden

Illustrations by Gillian Barlow



*Lilium, maculatum, de couleur large*  
1820