



## Programme Description

- Length:** Half-day  
**Age Group:** Biology, Suitable for National 4/5  
**Availability:** All year  
**Price:** £3.50/pupil. (£6.00/pupil for 2 programmes)

This practical indoor workshop covers many aspects of plants in the curriculum, including transport in plants, reproduction and health, and the science of plant parts. It aims to encourage students to explore plants for themselves.

## Learning Intentions

### Students will:

- Address plant topics in the curriculum in interesting ways
- Be encouraged to think and talk about plants and plant biology

## Curriculum Links

### National 4 Biology: Multicellular Organisms

#### Key areas:

1. Sexual and asexual reproduction and their importance for survival of species.
2. Propagating and growing plants

### National 5 Biology: Multicellular Organisms

#### Key areas:

4. Reproduction a. The structure of gametes and the sites of their production in plants
6. The need for transport a. Plant transport systems
  - (i) Leaf structure to include upper epidermis,
  - (ii) Other parts of the plant involved in water transport including root hairs and xylem vessels.
  - (iii) The process of transpiration.

## What to expect

- A practical indoor workshop focused on plant topics in the curriculum

## How to book

Bookings for all schools programmes are by telephone only.

Please call the Education Office on 0131 248 2937 (option 2 for Schools).

The office is open 9.00am - 4.30pm, Monday to Thursday and 9.00am - 4.00pm on a Friday.

Enquiries about this programme can be made by emailing [education@rbge.org.uk](mailto:education@rbge.org.uk)

