



Taxonomy for Advanced Higher

Programme Description

- Length:** Full-day conference
Age Group: Advanced Higher Biology
Availability: date tbc, please contact education to register your interest
Price: There is no charge for this conference but booking is essential

A day conference for Advanced Higher Biology students offering workshops in taxonomy and classification with the Garden's expert scientific staff who use this area of science in their research. Relevant and interactive.

Learning Intentions

Students will:

- Be introduced to the taxonomic work done by Botanists
- Given experience using different taxonomic techniques
- Have the opportunity to see plant science as interesting and relevant

Curriculum Links

Advanced Higher Biology: Organisms and Evolution

Mandatory Course key areas:

c) **Identification and taxonomy.** Identification of a sample can be made using classification guides, biological keys or analysis of DNA or protein. Familiarity with taxonomic groupings allows predictions and inferences to be made between the biology of an organism and better-known (model) organisms. Genetic evidence reveals relatedness obscured by divergent or convergent evolution.

Life is classified into three domains, the archaea, bacteria and eukaryota. The plant kingdom has major divisions such as mosses, liverworts, ferns, conifers and flowering plants.

What to expect

- This is a 1-day conference on Taxonomy and Classification: students may attend unaccompanied
- A half day visit for a whole class on this topic can be done by arrangement

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

