Teacher guide: Horticulture

**Abstract**

The workplace is a plant nursery. Students are supposed to adopt the role as an expert to help the plant nursery manager in his understanding of growing media which is essential to grow plants efficiently.

**Discipline**: biology

**Age group**: 14-15 years

**Time**: 100 minutes

**Example lesson plan:**

10 min Students are introduced to the situation in the workplace (a plant nursery); this can be done by a short videoclip or the ppt provided by the foundation (see link below).

10 min Students get their task and are introduced to the growing media, equipment etc.

15 min Student plan the investigation

15 min Small group discussions on the different planned set-up; which one is best to come up with good results?

20 min Students conduct the experiment

10 min Discussion of results

20 min Students work on a report to make the plant nursery manager know about the properties of his growing media

Further reflection: environmental issues of peat usage

**Material:**

[**http://www.nuffieldfoundation.org/practical-work-learning/horticulture**](http://www.nuffieldfoundation.org/practical-work-learning/horticulture)