

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:

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| 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>

