
Teacher Guide: Unit 9 Sampling, Testing and Processing

Guidance for Teachers

- Guidance on delivery – Page 112 – or reference to this from the specifications
- This includes reference of opportunities to gather evidence for this unit from other areas of the specification
- Resources – Page 114 – or reference to this from the specifications
- Centres may want to use VCE Science papers Unit 7446 – as a source of reference material and ideas. (It should be noted however that the standard for Unit 9 in the new specification is A2 with additional questions focused on the science content of the case study material).

Guidance on Assessment

- Assessment guidance – Page 113 – or reference to this from the specifications
- Specimen paper – see specimen paper Unit 9 (G628): *Sampling, Testing and Processing* (also available on this CD, or from the OCR website).

Suggested Time Allocation

- Based on 50-60 hours spent on this unit
- Suggest use time on reading and understanding articles and extracting relevant material as well as gaining knowledge-related practical work (sampling & testing)
- Some time should be reserved on practising the type of questions which are set in the external test.

Teacher Resource Material

- Information about the unit
- Case Study No.1: *The Use of Insulation and Refrigerants in Refrigerators*
Sample worksheets: worksheets and answers
- Case Study No.2: *A Student Geologist at Work*
Sample worksheets: worksheets and answers
- Example: *Question 3*
Sample worksheets: worksheets and answers.