



1 *Measuring*
weights & volumes



2 *Observing*
experiments



3 *Collecting*
scientific data



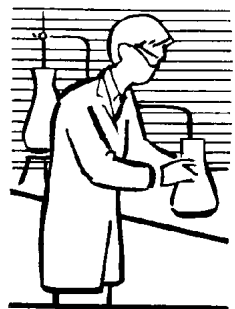
4 *Reporting*
results



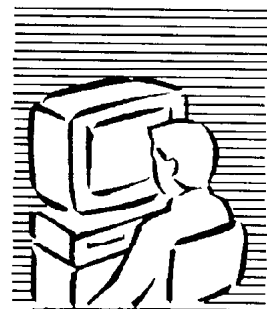
5 *Working safely*
with chemicals



6 *Listening*
to a supervisor



7 *Using* laboratory
equipment



8 *Watching*
a company video



9 *Performing*
experiments



10 *Interviewing*
other staff

NAME _____

GROUP _____

PLACEMENT _____

Work Experience

IN A LABORATORY



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**Work Experience Learning Framework
for Post-16 Students**

Assignment 1: Level 2

Design and produce a science activity card for use with primary school pupils aged 10-11 years to help them learn about the properties of different types of materials. You will need to give advice on safe ways in which they can conduct the investigation. Choose 6-8 common materials to be tested. Design a form for the pupils to use to record their results.

Evidence: Company information booklets; trade magazines and journals; company health and safety literature; notes on school textbooks and reference books.

Key Skills: Communication (reading and responding to written materials)
Communication (producing written materials)
IT (using appropriate packages to produce materials)
Working With Others
Problem Solving

Assignment 2: Level 2

The company in which you have been working has asked you to produce a short, illustrated guide on safety hazards and safety procedures for students coming on work experience in the future. The finished product should be clear, concise, contain all the essential information and be easy to read.

Evidence: Company health and safety literature; notes from interviews with health and safety personnel; examples of warning signs and posters; fire escape route plans; location of first aid material; notes on government legislation.

Key Skills: Communication (reading and responding to written materials)
Communication (asking questions at interview and taking part in discussion)
IT (using a desktop publishing package to produce an information booklet; using appropriate graphic packages)
Working With Others
Problem Solving

Assignment 3: Level 3

Select an experiment that you have undertaken in your course of study and find out how it is applied in industry or an industrial laboratory. Look for information from both your current placement and secondary sources including manufacturer's brochures or manuals. Using your findings, prepare a 15 minute presentation to give to your fellow students back in school or college.

Evidence: Company information and literature; notes from interviews with company personnel; manufacturer's brochures and manuals; data produced and made available for you to use.

Key Skills: Communication (asking questions and taking part in discussions)
Communication (reading company information)
Communication (presenting information in oral form)
IT (using graphics and desktop publishing packages to display information)
Improving Own Learning and Performance (setting targets and action planning)
Problem Solving