

Assignment brief Unit 3: Scientific Investigations – Assignment 2

Qualification	BTEC Level 3 National Applied Science
Unit number and title	Unit 3: Scientific investigations – Assignment 2

Assignment title	Hypothesis and Planning
Help you to identify a suitable topic for your investigation. You need to choose a topic that will very likely provide you with results, i.e. data you can analyse, which has background data upon which you can draw and whose scope is such that you will be able to complete it in the time available to you.	
Scenario Your work as a junior research technician in the science department of Telford University allows you to develop your investigation procedures at every opportunity. You must demonstrate to your tutor that you can research a topic, plan and carry out an investigation and finally evaluate you findings and procedures.	
Task 1	
In your chosen investigation, state what you plan to achieve. Using the research notes you made for P2 produce a concise hypothesis from your research. This provides evidence for P1	
Task 2	
Write out a method for your investigation using the information and research you have done for assignment 1. Include the • apparatus to be used, • step-by-step instructions (detailed enough for someone else to follow with having to ask for guidance) • a 6 week time table of practical and research exercises • Health and Safety risk assessment Your research plan should include a clear timeline for each stage of your proposed investigation and all necessary health & safety assessments. This plan must include: a list of your resource needs to complete this investigation and key milestones (with proposed completion dates against each) for the completion of your investigation on time. This provides evidence for P3	