Planning Investigation

Research and **summarise** some secondary data relevant to your inquiry question.

Create an original hypothesis that will enable you to gather **quantitative** data to investigate your inquiry question.

Propose both an independent and dependent variable for your hypothesis.

Describe the control variables that need to be considered for this experiment

Sampling techniques are used to collect data about a species or number of species. Complete the following table on various sampling techniques.

Sampling Technique	Description	Pros	Cons
Quadrats			
Transects			
Capture/ Recapture			

Identify the sampling technique that is best suited to your inquiry question:

Risk Assessment

Complete the risk assessment.

You will need to consider the risks associated with working on a rock shore line. Use the rock fishing safety factsheet to consider risks that maybe encountered and any equipment required

The first one has been completed for you

Risk assessment form for fieldwork along a rocky shoreline

Activity: Ecological fieldwork to collect primary data

Location:

Hazard / Risk Areas	Impacts / Risk Identification	Elimination or Control Measures
Sharp rock surfaces	Risk of: accident of feet being cut on oysters	Students bring and/or are supplied with footwear to protect them from oyster cuts