

### How to complete LO2 Rationale

Learning Outcomes	Performance Bands			
	Band 1 1 - 3	Band 2 4 - 6	Band 3 7 - 9	Band 4 10 - 12
<b>LO2</b> Be able to select and plan research methods, resources and materials	Limited rationale including plans to achieve aims and objectives. Basic research methods, resources and materials selected.	Basic rationale including plans to achieve aims and objectives. Relevant research methods, resources and materials selected.	Detailed rationale including plans to achieve aims and objectives. Appropriate research methods, resources and materials selected.	Detailed and effective rationale, describing the planning decisions to be made when addressing aims and objectives. Appropriate and effective research methods, resources and materials selected.

You **MUST** organise your rationale around each aim and objective.

For Example: -

**Aim 1: To discover the number of males and females in the fire service currently?**

**Objectives**

1. Explore data on the level of males and female fire officers using statistics.
2. To discover changes to the data over the last 10 years

Aim 1: To discover the number of males and females in the fire service currently?

In order **to explore data on the level of males and female fire officers** I will use secondary data. I will find statistics from numerous different sources to make sure that the data collected is reliable. For example, I will be using data from the Chief Fire Officers Association as this will contain valid data which is relevant and up to date to meet this particular aim. I will also convert the statistics into graphs to make any patterns and trends easy to identify. This will allow me to **discover changes to the data over the last 10 years**

Your rationale must be: detailed and effective describing the **planning** decisions to be made. Appropriate and effective research methods and resources selected.

### **Some Questions to help you to select and plan your research methods, resources and materials**

1. Is the data already available? If yes is the secondary data reliable, up to date, free from bias, carried out on a large sample?
2. Will you need to gain opinions via primary research? If so would an interview or questionnaire be suitable? Who will take part in your research? Give detail about the sample e.g. **I will send the questionnaire out to 30 participants from different age groups to ensure that I get a broad range of responses.**
3. Try to justify your decisions by looking at the strengths and weaknesses of the selected research method.