

# Layout of Lab Report

**Title:** Needs to describe the activity

**Scientific Objective:** A few sentences describing what you mean to achieve by doing this lab

**Introduction:** Two or three paragraphs that describe the Chemistry behind your lab. You need to be able to inform the reader of the scientific knowledge necessary to complete the lab, and relate this to what you will be doing. Any equations used, mathematical or chemical are useful here.

**Experimental Procedure:** Includes a list of apparatus and chemicals used. Here you must use a step by step method describing how to do the lab. Listing a set of instructions, very much like those you might find in a recipe book.

**Results:** A sentence or two at the start of this section briefly describing your results is helpful. You must include correct tables and graphs if needed, error calculations etc. Show calculations and any accepted data used.

**Conclusion/Evaluation:** describe here what you have learnt/found out from the lab. Describe any errors you may have made, difficulties encountered and how you might make improvements on your method.

**References:** Include all references of material used.

## Tables and Graphs

- Put correct units in the headings for each column in a table and then you don't need them in individual cells.
- Make sure x and y axis on graphs are correctly labeled, include units of measurement, check your scales are correct and check that points marked on your graph are in the correct place. A line of best fit may not necessarily go through your marked points.
- Use a pencil and ruler if drawing by straight lines by hand.
- Include all measurements taken and calculated values.

**For an Abbreviated Lab Report you need ONLY include: Title, Scientific Objective, Experimental Procedure, Results and References.** You may wish to include a short discussion of any problems encountered in your results section.