

Section	Marks Available	Mark Obtained
Name / Date / Title	5	
Aim	5	
Hypothesis	5	
Apparatus & Materials	10	
Diagram of apparatus	10	
Method	10	
Results – written and/or table	10	
Results - diagram or graph or table	10	
Discussion	15	
Conclusion	5	
Neatness / Presentation	5	
Additional marks at teacher's discretion for excellent work.	10	
Total	100	

## CCC High School Laboratory Report

**Student Name & Class:** (1 mk)

Name:

Class:

First

Family

**Date of Practical/Lab:** (1 mk)

**Title:** (3 mks)

**Aim** (5 mks)

(Write a brief statement on the purpose of this experiment and the method by which it will be done.)

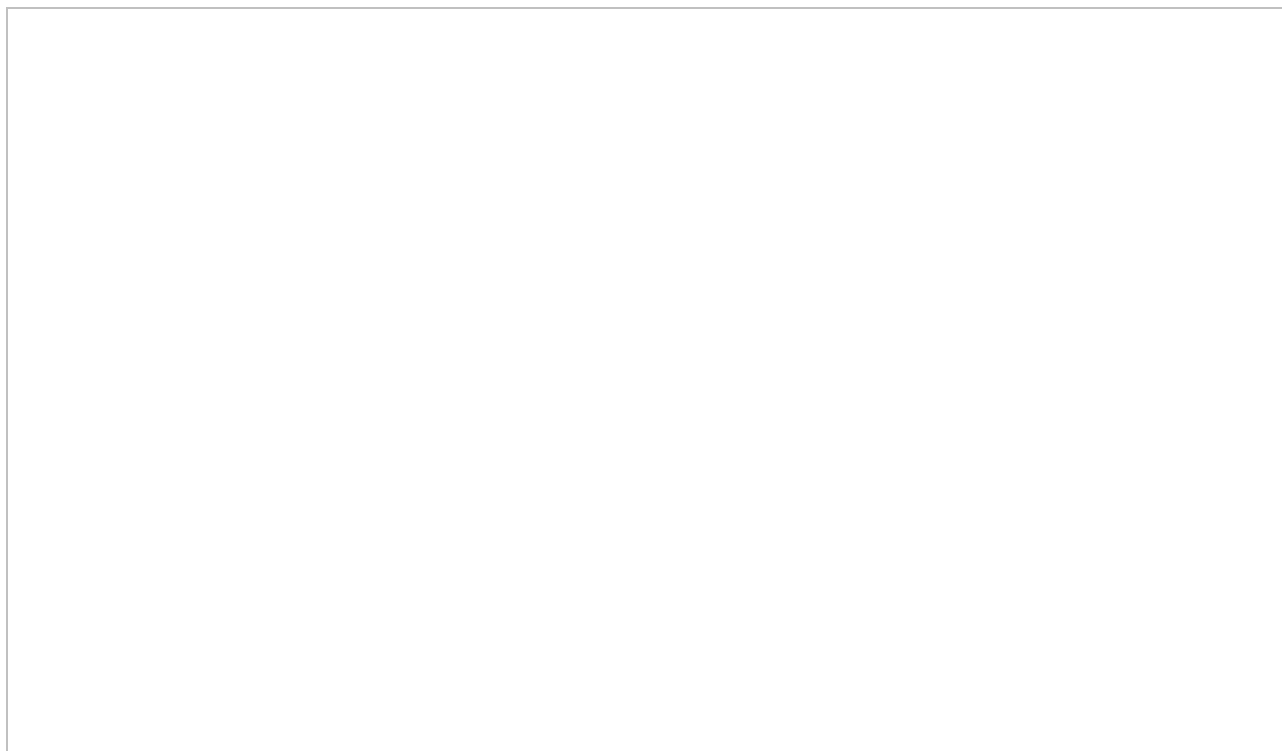
**Hypothesis** (5 mks)

**(or hypotheses if you have more than one relating to this particular experiment.)**

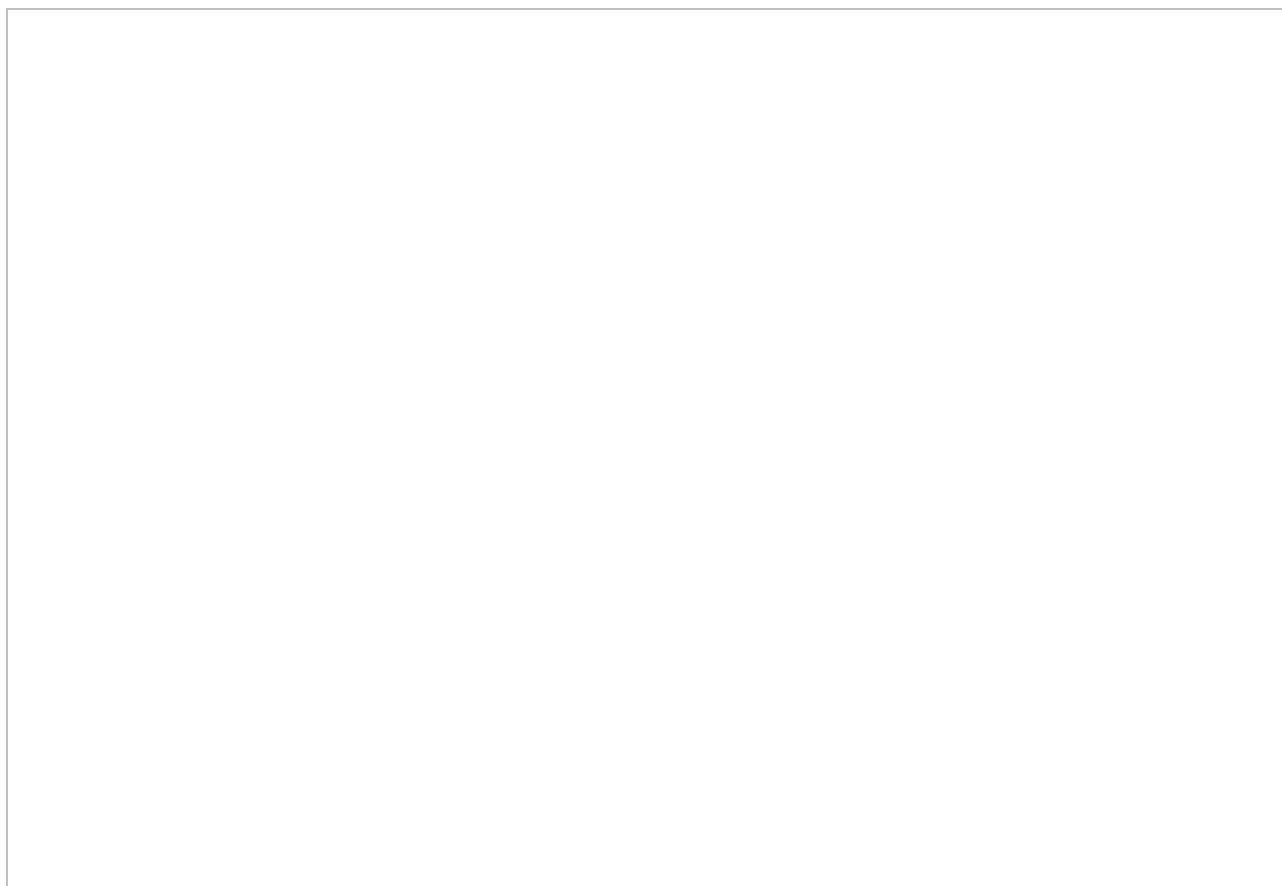
(Present a theory or guess or assumption that attempts to explain certain facts or observations. For example: Placing ice in water makes water cold. It is this hypothesis that will be tested. You may need to identify the variables which you will keep the same (control), change (independent) and measure (dependent))

**Apparatus and materials** (10 mks)

(List all the equipment and/or materials used in this experiment. Use a fresh line for each item. Give sizes of equipment and quantities of materials.)

**Diagram of Apparatus** (10 mks)

(Draw a very neat, clearly labelled diagram **in pencil** of the apparatus **as set-up and used** for this experiment using standard school equipment –Chemomat, ruler, compass etc.)



**Method** (10 mks)

(**Without** using students' names or personal pronouns (ie: Jane, I, me, she, we), describe the method used to conduct the experiment. Write in the past tense: report what happened, do not write a recipe!)

**Results** (10 mks)

(Describe your experimental observations here. Be very detailed. You are to record exactly what happened. Describe colours, smells, physical changes, etc. Include tables of values in this section.)

Graph or draw the results below choosing the most appropriate type of graph (for example: time series, scatterplot, line, column or scatter graph). Graphs may be drawn on graph paper and placed here. You may insert several pages here. Make sure the graph/drawing is titled and both axes are labelled and have the correct scale. You may use coloured PENCILS in drawings to show colour changes etc. (10 mks)

**Discussion** (15 mks)

(Discuss your results in the context of your hypotheses or relevant theory. Comment on any errors in the experiment and how they may be reduced. Discuss your results in the context of known science about this topic. Did you have any problems or difficulties doing the experiment? Will you have to repeat to get meaningful results?)

**Conclusion** (5 mks)

(The conclusion is usually a brief statement that summarises the experiments results and whether or not they support the hypotheses you wrote at the beginning of this report.)