**IGCSE LAB REPORT CHECKLIST**

AIM AND PREDICTION

I have

* Written an aim which starts with:
  1. To find out..
  2. To investigate…
  3. To discover…
* Written a prediction that includes the word because. E.g. I think that… because….

METHOD

I have

* Written in the imperative
* Used bullet points or numbers for the steps
* Mentioned how to be safe

Good method verbs:

Take, put, measure, pour, add, heat, weigh…

VARIABLES

I have written all three variables:

* Independent (what I change)
* Dependent (what I measure)
* Control (how I will make the experiment fair)
* I have included at least two control variables

DIAGRAM

I have

* Used a ruler
* Used pencil
* Labeled the equipment with a straight line
* Drawn everything in 2D
* Drawn the diagram in at least half a page of my notebook

EQUIPMENT

I have

* Listed all the equipment I have used
* Used scientific names of the equipment
* Said WHY I chose each piece of equipment

RESULTS TABLE

I have

* Put the independent variable in the left column
* Put the dependent variable in the right column
* Repeated the experiment
* Taken averages
* Put units at the top of the column
* Used a ruler

BAR CHART

I have

* Used mm graph paper
* Put the independent variable (or time) on the x axis and the dependent variable on the y axis
* Written a title
* Underlined the title with a ruler
* Drawn the axes with a ruler
* Labeled the axes
* Labeled the y axis with units
* Used a regular increase on the y axis (e.g. 2,4,6 NOT 1,3,4,7)
* Drawn all the bars the same width

LINE GRAPH

I have

* Used mm graph paper
* Written a title
* Underlined the title with a ruler
* Drawn the axes with a ruler
* Put the independent variable (or time) on the x axis and the dependent variable on the y axis
* Labeled the axes
* Labeled the axes with units
* Used a regular increase on the axes (e.g. 2,4,6 NOT 1,3,4,7)
* Used crosses for the data points
* Drawn a line of best fit (curved or straight)

CONCLUSION

I have

* Described what I have found out
* Explained what i found out
* Described if there is a pattern e.g. if … increases then … decreases
* Used scientific vocabulary
* Written if there are any strange (anomylous) results

EVALUATION

I have

* Tried to explain any anomalous results (why did they happen?
* Said what is good about my method
* Said how I can improve my method
* Written about any other experiments I could do in the future to investigate more
* Written about working in a team

BIBLIOGRAPHY

I have

* Included a bibliography with all websites/books I have looked at. It has:
* The name of the person/organisation who wrote it
* The date it was written
* The title of the book/website

For websites:

* The date you saw the website.
* The webstite address.