

Year 10 Practical Report Scaffolding Document

Year 5 Sciences / AC Year 10



PRACTICAL REPORT TITLE:

Aim: States the purpose of the investigation

Hypothesis: Make a scientific prediction about the relationship between two variables

Variables

1 X Independent Variable: The variable that we control and change

1 X Dependent Variable: The variable that is measured

Constant Variables: Things that stay the same for the entire investigation

Independent: _____

Dependent: _____

Constant: _____

Apparatus: The equipment that is used for the investigation (Add Diagram if you can)

Method: What you did (Past passive language)

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Safety: Safety measures that you put in place

Contribution: Your individual role in the group

Results: In a table with heading and correct units

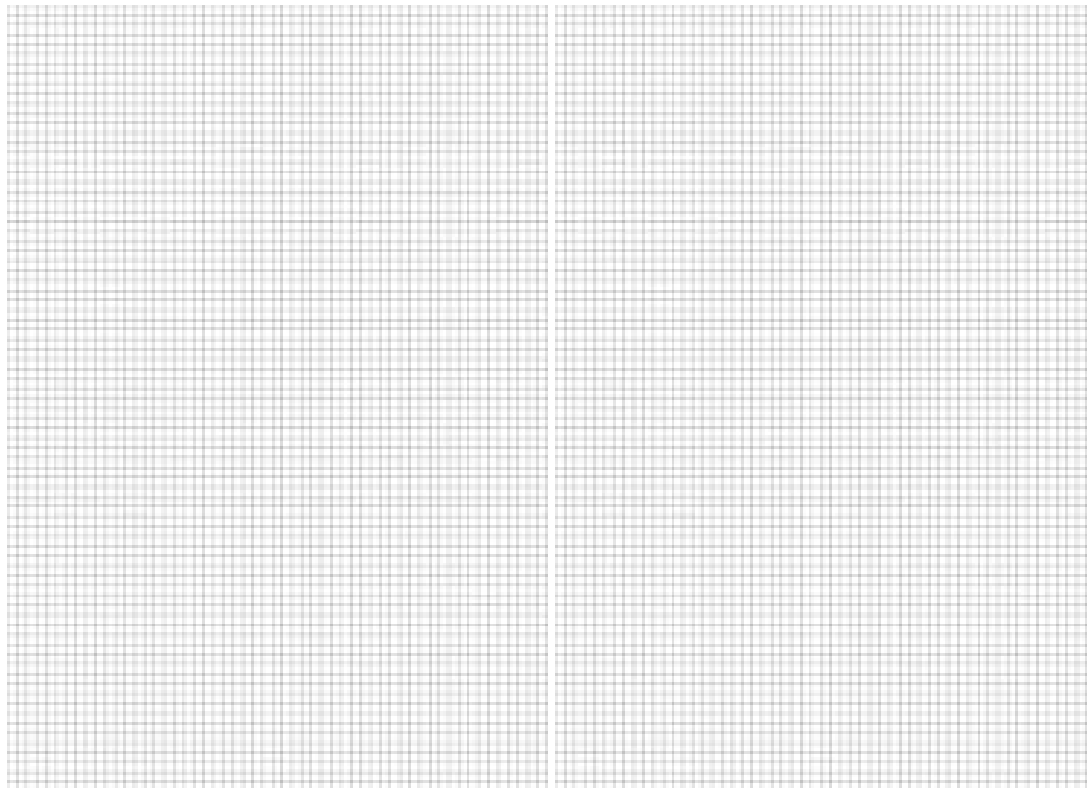
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Graph:

At least 2/3 of the page
Correct Labels and Units
Correct Scale
Plotted with a Line of Best Fit (LOBF)



Discussion:

Discuss the relationship of the variables in you graph / table

Discuss errors that may have happened

Random Error: Only affects 1 data point

Systematic Error: Affects all data points

Random errors:

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Systematic Errors:

Discuss improvements to the method of the investigation

Answer any question stated in the task design (answer questions from Page 268 of textbook)

Conclusion: State your overall conclusion linking it to your results and hypothesis