

Data Grid: Practical Laboratory Report Guides

Teacher Guide

Use this grid to set up a guide suited to each group/ individual in your class so that they can write and illustrate a comprehensive and balanced laboratory or practical report. The level of formality will depend on the level and experience of the learners.

*Name, Date and Partner's name should be on the report itself, if you do not have a *Title page*.

Literacy Activity	Lab. Report Section	Guide questions that may assist students write their report
Name	Title	What name can we use to describe the main idea or object user?
Name	Aim	What do we want to find out?
List	Equipment	What hardware do we need to do this activity? (If it is usable after the activity then it is equipment)
List	Material	What consumable do we need to do the activity?
Describe and/or Explain a process	Method	How will we find out what we want? What tests will we do? What will we compare? How will we make sure we <i>clearly and only</i> find out what we want and not get confusing or unclear answers? Do we need a model?
Describe and/or Explain a process	Results	What is the best way to record all the important measurements we have made? How can we best represent the observations and notes we have made? Do we need a table, a graph, a model, diagram(s), etc?
Explain and/or Interpret/ Analyse	Discussion	Do these results help us explain/ answer the main idea/question? What do they mean/ tell us? Are these the results we expected? If not, can we think of any reason(s)? If we did the experiment again, are there any changes/improvements we would make? Why? Are the results good enough to convince people of what we have discovered?
Summarise	Conclusion	What conclusion(s) can we make given the results we got?



Practical Laboratory Report - Student Guide

The questions under each heading may help you write about what we did and observed.

Your ideas are important. Use full sentences, paragraphs and labeled diagrams to say what you mean clearly.

***Name, Date and Partner's name** should be on the report itself, if you do not have a *Title page*.

<p>Title What name can we use to describe the main idea or object user?</p>
<p>Aim What do we want to find out?</p>
<p>Equipment What hardware do we need to do this activity? (If it is usable after the activity then it is equipment)</p>
<p>Material What consumables do we need to do the activity?</p>
<p>Method How will we find out what we want? What tests will we do? What will we compare? How will we make sure we <i>clearly and only</i> find out what we want and not get confusing or unclear answers? Do we need a model?</p>
<p>Results What is the best way to record all the important measurements we have made? How can we best represent the observations and notes we have made? Do we need a table, a graph, a model, diagram(s), etc?</p>
<p>Discussion Do these results help us explain/ answer the main idea/question? What do they mean/ tell us? Are these the results we expected? If not, can we think of any reason(s)? If we did the experiment again, are there any changes/improvements we would make? Why? Are the results good enough to convince people of what we have discovered?</p>
<p>Conclusion What conclusion(s) can we make given the results we got?</p>

