

COWS CREATE CAREERS PROJECT

SCIENTIFIC REPORT WRITING TIPS



Senior and junior reports

Scientific report

Your scientific report must follow some basic rules:

Name: State the group name and school name.

Title: The title should explain what the experiment intends to examine.

Introduction: The introduction should explain the theory you are testing.

Aim: This aim is a general statement about what you are researching. It is similar to the title; however, the purpose is to include additional information.

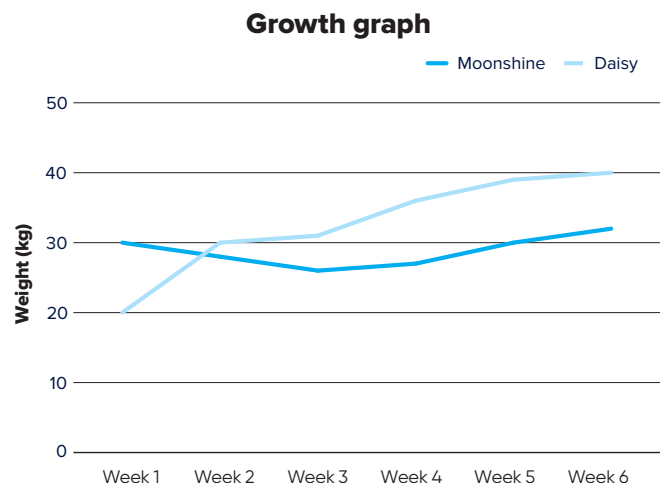
Hypothesis: The hypothesis is a statement that clearly states what you are testing and predicts the outcome. You must be able to measure what you are testing over the period you have the calves.

USEFUL TIPS!

- Your report must have a title and begin with an introduction.
- Your report must have an aim and hypothesis.
- Next, describe (or explain) your method (what you did) and your materials (what you used).
- Following 'what you did' comes 'what you found' – the results.
- The results must include the presentation of data and statistics.
- Next, discuss the results. What do the results mean? What were the likely reasons?
- Next, state if your hypothesis was correct or incorrect.
- Finally, you might wish to include a bibliography.

Method: The method will clearly outline your steps, the materials you used, and what you measured over time. You could include photographs of the steps with the explanation.

Results: The results should include a table of results and graphical information, such as a graph from Microsoft Excel or a chart in Microsoft Word:



Discussion: Discussion needs to refer to the results table and summarise what the results show. This section will state the probable reasons why you obtained these results. There could be more than one reason.

Conclusion: The conclusion will state whether your hypothesis was correct or incorrect.

Bibliography: this section should include people you contacted and the books and journals you referenced to understand the topic and which helped you state your hypothesis.

**USE A CHECKLIST TO MAKE SURE
YOUR REPORT IS COMPLETE!**