

Top tips for writing your scientific report...

1. Aim or Question. Here is where you say what your investigation is about

- “The question I will try to answer is...”
- “My investigation is about...”
- “I am trying to find out...”

2. Prediction. Here is where you say what you think will happen

- “I think that my results will show...”
- “I predict that ... will happen”
- “My hypothesis / prediction is that...”

3. Equipment. Here is where you say what equipment you need

- Use bullet points to list pieces of equipment
- Draw a labelled diagram of your equipment set up
- “I am using this set of equipment because...”

4. Variables Here is where you explain what how you made it a fair and reliable test

- “To ensure it was a fair test, there was only one variable which was...”
- In order to keep my test fair, I kept the following factors constant: “
- To make my results more reliable, I carried out several types of exercise. This meant that...”

5. Method. Here is where you say how you carried out the investigation, step by step

- “Firstly, I ...”, “Following that...”, “Finally, I ...”
- The first step in this investigation was to...”
- “Having carefully prepared my equipment, I then went on to...”

6. Results. Here is where you show what happened

- Use a table to show your results
- Then create a chart or graph
- “My results were...”

7. Conclusion. Here is where you say what your results show

- “My results show that... The evidence I have for this is...”
- “I did not expect that...”
- “I found something unusual in my results, which was...”
- Surprisingly, my results did not match my prediction because...”

8. Evaluation. Here is where you say what could have been better

- “Having completed this investigation, I believe that my method was good because...”
- “I could have improved my method by... This would have been better because...”
- “Now that I have finished my investigation, I can see that I could have made my investigation more reliable / fair by...”