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**Writing a Research Report (Accessible)**

A research report typically consists of up to 8 sections. These may vary depending on your field of study or your course requirements:

1. Abstract

2. Aims and objectives

3. Introduction

4. Materials and methods

5. Results

6. Discussion

7. Conclusion

8. References

**Abstract**

Think of this as a key summary sentence from each section of the report.

**Aims and Objectives**

* **Aims** describe what the research intends to prove.

**Example:**

This research aims to investigate the effect of increasing temperatures on several frozen liquids.

* **Objectives** detail the actions you will take to achieve the aim(s).

**Example:**

To apply heat at increasing increments to each frozen liquid.

To observe and record the effect of temperature on each sample.

**Introduction**

Explain any theories, background details or methodology here. Provide a validation for the research and the methods used**.**

**Materials and Methods**

In the past-passive voice, describe how you performed the research and the tools you used. They should be detailed enough so that anyone in your field could repeat them without confusion.

**Example:**

2mL of each type of liquid was placed into individual squares in an ice try and labelled with the relevant identifier. The ice tray was then stored at -80℃ overnight.

**Results**

Report any collected data here. It is preferable to use tables and figures to present the information. Do not interpret the results yet.

**Discussion**

1. **Analyse:** interpret the results and discuss their relevance, include some references to expected outcomes in the literature.
2. **Unexpected Outcomes:** discuss any unexpected results, but always include a feasible explanation as to why something didn’t go as planned.
3. **Limitations:** recommend any changes which you would make were you to perform the research again or highlight any limitations you encountered.

**Conclusion**

Sum up your key findings and consider ending with a comment on a look to the future of your research area, or an aspect which would benefit from further investigation.

**References**

Ensure that all references are present and in the correct style.