PROJECT REPORT

Each project requires a Project Report of no more than five pages plus an appendix of no more than two extra pages for the references and bibliography. This report comprises a concise summary of the project using a scientific writing style, selecting only what is important and stating it in a concise way. Graphs, diagrams and charts may be included, but not the raw data or observations. The report is submitted online as a PDF document, as part of the registration process

Contents

A complete Project Report includes the following subtitles and sections:

1. **Background**: how the project came to be.
2. **Purpose**: why the project was conducted and what was hoped to be achieved.
3. **Hypothesis**: proposition to be tested, if applicable.
4. **Procedure**: a brief outline of the materials and methods used.
5. **Results or Observations**: a summary of the results of the experiment, innovation or study.
6. **Conclusions**: what can be concluded from the results and why it is important?
7. **Earlier Work**: If an earlier version of the project was submitted in a previous year, the finalist must highlight the changes and additional work done.
8. **Acknowledgements**: recognition of those individuals, institutions and businesses that provided significant assistance in the form of guidance, materials, financial support and/or facilities for this work.
9. **References**: Detailed references are mandatory for any specific literature referred to in the text of the report. Key sources used in the development of the project must be referred to in the text and listed in an appendix

("References"),. Author, title, source publication, volume, date and page numbers must be given. Any use of quotations from references must be clearly identified.

10. **Bibliography**: Significant sources consulted but not specifically referred to in the report must be mentioned (volumes, articles, audio-visuals, documents, web sites with dates of access, interviews, etc.).

Some variation is permitted for innovation and study projects that do not follow an experimental protocol.

Units

Respectable scientific work for international consumption is recorded using Système international (SI) units, which must be used throughout. Correct abbreviations for units must be used.

Measurements and uncertainty

Most physical measurements have uncertainty. Students should be aware of the concepts of accuracy, precision and uncertainty in measurements, and the methods scientists use to represent them. Data are expected to have the correct number of significant figures, and graphs should have appropriate error bars.

Graphs, Charts and Maps

Captions, labels on axes and legends must be accurate and legible.

The ability to communicate scientific work clearly and succinctly is an important skill; therefore, the five-page limit is strictly adhered to, regardless of the type or complexity of the project.

It is strongly recommended that someone from your regional organization check each project report for length, clarity, completeness and compliance with the formatting requirements.