

Requirements for Grades K-5 Project Submission

PART 1 SLIDES

Summary

Your project will contain the following:

- Maximum of 12 8.5x11 slides in PDF Form. No images of trifold boards.
- A separate one page Quad chart in PDF form. See part 2 below for Quad Chart details.

Optional: A maximum 2 minute video but only if you need to demonstrate a moving object in your project.

You may prepare your Project Presentation using any software tools that you desire, but the final document submitted for display to the judges and the public must satisfy the following requirements.

1. Project Slides Format Requirements

1. Your project must be a single PDF document. (Quad chart is a separate pdf document. See Part 2. If you have difficulties creating a PDF please contact us at scifairdir@plu.edu)
2. You must use a page size no larger than 8½"X11"
3. The Project Presentation must be a **single PDF** document limited to **no more than 12 pages plus a possible extra slide on safety. See below.**
4. Font size and color or hand writing should be easily readable. Please don't use fancy script fonts.
5. Use bullets to set out individual points of interest. Avoid long sentences.

Science and Engineering Project

These slides are required. The additional 5 slides are up to the student. You can have more than one slide covering any of these topics. Limit is total 12.

1. Project ID and Title

- a. The following should be included:
 - i. Project ID. This ID will be provided by South Sound.
 - ii. Project Title
 - iii. Finalist Name (s)
 - iv. School(s)

2. INTRODUCTION - What is your project question?

What were you trying to find out? Include a description of your purpose, your question, and/or your hypothesis.

3. METHODS - Explain your methodology and procedures for carrying out your project in detail.

- a. What did you do? What data did you collect and how did you collect that data? Discuss your control group and the variables you tested.
- b. Did you change your question after starting your project or do a second prototype?
- c. DO NOT include a list of materials.

4. **RESULTS - What were the result(s) of your project?**

Include data tables and figures.

5. **DISCUSSION - What is your interpretation of these results?**

- a. What do these results mean?
- b. Discuss possible errors. Did any questions or problems arise that you were not expecting

6. **CONCLUSIONS - What conclusions did you reach?**

- a. How do the results address your project question?
- b. What application(s) do you see for your work?

7. **SAFETY – Does your project involve safety issues?**

- a. If so, please tell us what they are and what you did to avoid problems.
- b. If you do not have room in your 12 slides, you may put safety on an additional slide.

8. **REFERENCES**

This section should not exceed one page. Limit your list to the most important references.

JOURNALS - Please see journal submission requirements.

Follow the Journal button at the bottom of our website home page.

<https://www.plu.edu/scifair/>

PART 2 QUAD CHART

QUAD Chart K-5

Your QUAD chart is a summary of your project. Before reviewing detailed slides the QUAD chart allows judges and others to quickly see a summary of your project. A “quad chart” is a single page divided into four quadrants providing a high-level summary of the project. It is intended to be more visual than detailed to quickly introduce your judges to what is important about your project. Follow the model below that corresponds to the Project Presentation template you selected.

1. In order to provide sufficient space, please use Landscape orientation.
2. Fonts or hand writing must be readable.
3. The Quad Chart should not include a bibliography, references, or acknowledgments.

Quad Chart Title:

- In the upper right-hand corner, list the Project ID (You will receive this after registering.)
- Line one is the title of your project
- Line two is your name and school.

Quadrant 1: Research Question/Engineering Goal

- Please state the research question or engineering problem
- Drawing or other visual OK.

Quadrant 2: Methods – How you did your project

- Please provide a succinct, bulleted summary of the methodology/project design

Quadrant 3: Data

- Graphs and tables as needed
- Text should be kept to a minimum.

Quadrant 4: Conclusions

Project Quad Chart	
Project Title Name Project ID	
Your Question	Your Data Summary
Your Methods	Your Conclusions