

Quad Chart Instructions

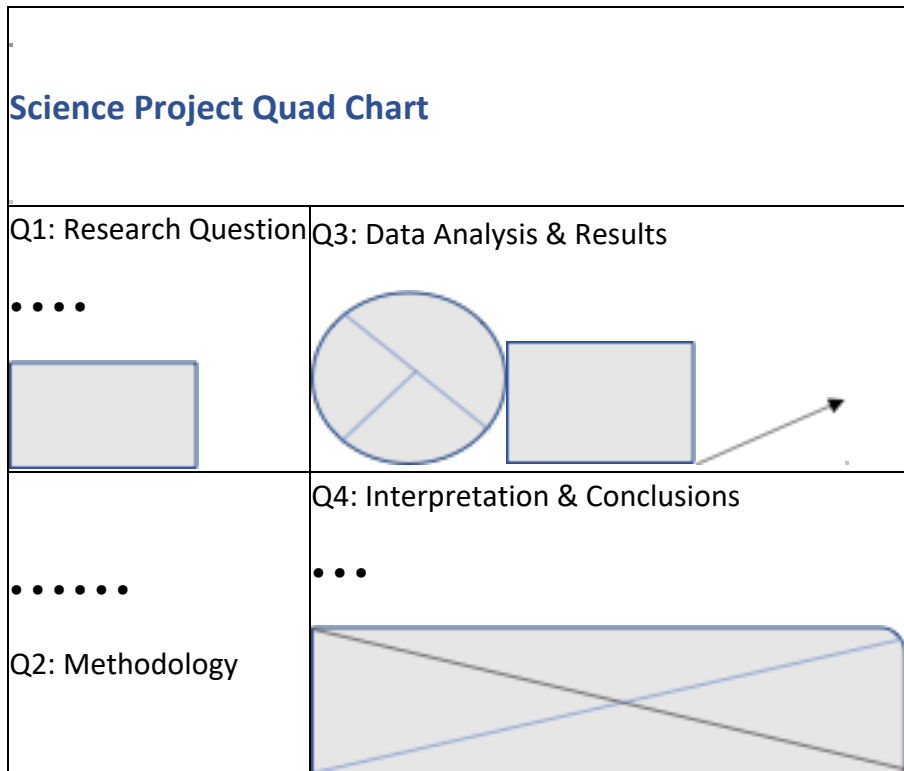
A “quad chart” is a single page divided into four quadrants providing a high-level summary of the project. It is intended to be more visual than detailed in order to quickly introduce your judges to what is important about your project. Think of it as a visual abstract. Follow the model below.

The quad chart is also required for ISEF. See the full ISEF guidelines here:

<https://sspcdn.blob.core.windows.net/files/Documents/SEP/ISEF/2024/Resources/Project-Material-Guidelines.pdf>

Format Requirements

1. You must use a page size no larger than either American standard 8 1/2”X11” or European standard A4.
2. The page background color must be white.
3. Text color must be predominantly black, but limited color for emphasis is acceptable.
4. The minimum allowable font size is 14 pt. *Exception:* You may use a smaller font size, down to 10 pt., for figure captions or photo credits.
5. All four quadrants of your Quad Chart should each be the same size with a single border line delimiting each, as in the examples below. The Title section should be only as tall as necessary to include your project title and other identifying information (see section on Quad Chart Title).
6. The Quad Chart should not include a bibliography, references, or acknowledgments.



Quad Chart Title:

- In the upper right-hand corner, list the Project ID
- Line one is the title of your project
- Line two is your name, school, teacher and grade

Quadrant 1: Research Question

- Please state the research question being addressed. You may also explain what is known or has already been done in your research area.
- An image representing your question/topic is encouraged but not required.

Quadrant 2: Methodology

- Please provide a succinct, bulleted summary of the methodology/project design: 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.
- An image representing your methods is encouraged but not required.

Quadrant 3: Data Analysis & Results

- Include a table or figure showing your primary results with a summary of statistical analysis if it was performed.
- This quadrant should primarily be a graphic representation of your data and results. Text should be kept to a minimum.

Quadrant 4: Interpretation & Conclusions

- Summarize your interpretation of your results. Answer some or all of the following questions: What do your results mean? How do the results address your research question? How do they compare with theories, published data, commonly held beliefs, or expected results? What applications do you see for your work? What possible errors might your results reflect?
- An image representing your conclusions is encouraged but not required.