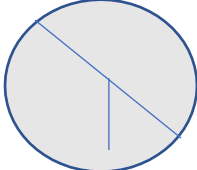
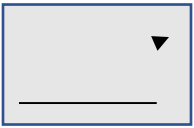


NCSEF Quad Chart Instructions

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 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. You must use a wide-screen page format similar to the American Legal standard 8½”X14” and arranged in Landscape orientation.
2. The page background color must be a light color and text color must be predominantly dark to support readability.
3. The minimum allowable font size is 13 pt. *Exception:* You may use a smaller font size, down to 9 pt., for figure captions or photo credits.
4. All four quadrants of your Quad Chart should each be the same size with a single borderline 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).
5. The Quad Chart should not include a bibliography, references, or acknowledgments.
6. All Display & Safety rules must be followed.

Science Project Quad Chart	
<p style="text-align: center;">Q1: Research Question</p> <ul style="list-style-type: none"> • • • • <div style="border: 1px solid black; width: 100px; height: 40px; margin-left: auto; margin-right: auto;"></div>	<p style="text-align: center;">Q3: Data Analysis & Results</p> <div style="display: flex; justify-content: space-around; align-items: center;">   </div>
<p style="text-align: center;">Q2: Methodology</p> <ul style="list-style-type: none"> • • • • • • 	<p style="text-align: center;">Q4: Interpretation & Conclusions</p> <ul style="list-style-type: none"> • • • <div style="border: 1px solid black; width: 100%; height: 60px; margin-top: 10px;"> <div style="border-bottom: none; border-right: none; border-left: none; border-top: none; width: 100%; height: 100%;"></div> </div>

Engineering Project Quad Chart	
Q1: Engineering Problem & Objectives	Q3: Data Analysis & Results
Q2: Project Design	Q4: Interpretation & Conclusions

Math/Computer Science Project Quad Chart	
Q1: Problem or Question	Q3: Findings
Q2: Framework	Q4: Interpretation & Conclusions

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, city, state, country

Quadrant 1: Research Question/Engineering Objectives

- This should reflect material in #2 of the Project Presentation Template.
- Please state the research question or engineering problem being addressed
- A leading core graphic or visual is encouraged, but not required.

Quadrant 2: Methodology/Project Design

- This should reflect material in #3 of the Project Presentation Template.
- Please provide a succinct, bulleted summary of the methodology/project design

Quadrant 3: Data Analysis & Results

- This should reflect material in #4 and 5 of the Project Presentation Template.
- It is advised that this quadrant should primarily be a graphic representation of relevant data and results.
- Text should be kept to a minimum.

Quadrant 4: Interpretation & Conclusions

- This should reflect material in #5 and #6 of the Project Presentation Template.