Project # _____   **Judge Note Card**

Title (abbr): _____

Technical Approach and Method: (Circle one of the following)

Scientific Research   Engineering and Computer Science   Mathematics

Key points to consider:

Scientific Research	Engineering and Computer Science	Mathematics
statement of problem (hypothesis and testable question)	identified need or problem and possible solution strategies	statement of need or problem and possible solutions
logical experiment (variables, controls, and repetitions)	implementation and testing	identify a potential result; explain plausibility, rationale, or interest
accuracy and thoroughness of data (observations and replication)	development of clear performance criteria (evaluation metrics)	suggest approach to a proof/ justify a computational approach (assumptions)
thoughtful analysis with appropriate figures and statistical testing	evaluations process involving redesign, retest, or added features, code, or algorithms (performance assessment)	thoughtful analysis OR significant work on a proof to justify a result
conclusions consistent with testing	well supported conclusions (feasibility study)	well supported results; provide corollaries, conjectures, applications, or utility

Notecard courtesy of Region IV Fair Committee

Understanding of STEM:
- knowledge of relevant literature
- application & understanding of method, process, and techniques (why and how)
- connections to other disciplines, impact, and real-world applications
- implications for future study (constraints)

Innovation and Creativity:
- creative approach to problem-solving; multiple attempts
- unique use of methods, designs, or materials
- degree of independence in conducting experiment or project

Presentation:
- clear, concise, and consistent presentation (teams – collaboration)
- effectiveness and use of visual(s)

Documentation/Thoroughness:
- lab report/research paper with bibliography/citations
- well-documented lab notebook (digital or hardcopy)
- evidence of thorough project development

Star any of these notes that you would like to share with the students when you score the project.