

Science Fair Project:

K - 6th Grade - Demonstration or Engineering

Category	2	1	0	Points Awarded
Research: Evidence of research of additional resources to provide context for project	Research paragraph is well-written and at least three sources are cited at bottom or board or in report	Paragraph is less than fully developed and/or insufficient resources cited	Paragraph and/or sources are not evident	
Purpose and Relevance: Description of why this problem or issue is important to understand or address	Discussion of relevance to real-world strongly developed	Relevance to real-world partially developed	Discussion not evident	
Design Plan and Materials: Blueprint or sketch is neat, drawn to scale, and labeled, including measurement/units	Design is clearly communicated on board or in report	Design is partially developed	Design is not evident	
Model/Prototype: Prototype is well constructed based on the blueprint/sketch. Student can explain how materials were used to construct the prototype	Prototype is well constructed based on the blueprint/sketch. Student can explain how materials were used to construct the prototype	Prototype construction developing	Needing improvement or not consistent with design plan	
Testing/Results(Engineering Projects): Testing of prototype documented with results presented on board or in report	Testing of prototype well-documented with results presented	Testing of prototype partially documented and/or results insufficient	No evidence of prototype testing or results	
Discussion: Discussion of learning attained through completion of model/prototype, AND/OR learning attained by testing prototype	Strongly developed discussion of learning attained through completion of model/prototype AND/OR learning attained by testing prototype	Partially developed discussion	Discussion not evident	
Creativity: Student demonstrates a high degree of creativity in either engineering solution or delivery of information for demonstration	Either engineering solution or presentation of information demonstrates high creativity	Creativity partially evident	Little creativity evident in project	

Student Name _____