

EUP Science and Engineering Fair Judging Rubric

Student Name(s): _____

Grade: _____

Project Title: _____ School: _____

(5 = exemplary, 0 = not evident)
Score

Science and Engineering Practices

Ask a question or define a problem	5 4 3 2 1 0
Obtain and evaluate background information	5 4 3 2 1 0
Based on background research: Develop and use models to formulate a hypothesis and identify variables, or establish design criteria	5 4 3 2 1 0
Plan investigations or build prototype(s)	5 4 3 2 1 0
Carry out investigations or test prototype(s)	5 4 3 2 1 0
Collect, analyze, and interpret data	5 4 3 2 1 0
Use evidence from data to construct explanations or design solutions for the final prototype	5 4 3 2 1 0
Argue from evidence to support or reject the hypothesis, or critique the design	5 4 3 2 1 0

Presentation and Communication

Clearly and persuasively communicate essential ideas and methods	5 4 3 2 1 0
Appropriately use available media to support the presentation	5 4 3 2 1 0

Total Score: / 50

Notes for judges' reflection: