

Student Name: _____

Grade Level: _____

Project Name: _____

Engineering Fair Rubric 2019:

Key: Beginning - experiences difficulty expressing thoughts and content Developing - inconsistent and/or leaves us questioning information Accomplished - consistent and leaves us with no questions about project Exemplary - consistent and shows independence when creating this project	Judge Evaluation	Comments
ASK		
Carefully consider the investigation guidelines.		
Thoughtfully discuss multiple relevant and interesting questions for further exploration.		
Determine multiple individual or team goals in response to your questions.		
IMAGINE		
Without guidance generate and explore numerous ideas, responses, and/or solutions.		
Independently generates clever, unique, or unusual ideas.		
Independently perceive and accept other positions or points of view on how to solve this problem.		
PLAN		
Critically evaluate the purpose of every detail of the design.		
Keep detailed records and sketches of design possibilities, plans, and revisions.		
Conduct research and use prior knowledge as a foundation for prototype plans.		
CREATE		
Persevere to create a functioning prototype.		
Creatively and responsibly use materials and resources.		
IMPROVE		
Self critique the prototype and analyze all design flaws.		
Suggest multiple solutions to the problem(s), or multiple ways to improve the efficiency or quality of the prototype.		