

Divisions: A=Grades 4 - 6, B=Grades 7 & 8, C=Home School Grades 4 - 6, D=Home School Grades 7 & 8

Invention Name	Inventors Name(s)		Division	Location	Judges ID	Project Score
<i>Total possible points, including possible bonus points: 77</i>						
Oral Presentation	Excellent (3)	Good (2)	Fair (1)	Poor/No Effort (0)		Score
Topic Clarity*	<i>The topic is clearly stated by the inventor in the beginning.</i>	<i>The topic is stated in the beginning but is unclear.</i>	<i>The topic is stated at some point.</i>	<i>The topic is not stated. I have no idea.</i>		
Eye Contact*	<i>Eye contact with the judges is constant at all times.</i>	<i>The inventor's eyes occasionally wander.</i>	<i>Very little eye contact.</i>	<i>Does not attempt to make eye contact during the presentation.</i>		
Posture	<i>Stands up straight with both feet on the ground.</i>	<i>Occasionally slumps during the presentation.</i>	<i>Slumps during the entire presentation.</i>	<i>Sits down any during the presentation.</i>		
Vocalized Pauses (uh, well, etc.)*	<i>No vocalized pauses noticed.</i>	<i>1-5 are noticed</i>	<i>6-9 are noticed. Mumbling is noticed.</i>	<i>10 or more are noticed. Mumbling is bothersome.</i>		
Dress	<i>The student is dressed very well, as if he/she is going to church or a wedding.</i>	<i>Student is dressed casual, but still has a good presentation.</i>	<i>Student is wearing jeans, t-shirts, etc.</i>	<i>Student is wearing clothes with holes, looks very sloppy.</i>		

**If the inventor does not use enough time for an accurate critique, please do not score them with an excellent.*

Q & A Session	Excellent (3)	Good (2)	Fair (1)	Poor/No Effort (0)	Score
What was the biggest problem you faced?	<i>Well-developed, detailed answer.</i>	<i>Clear answer with some details.</i>	<i>Simple answer with some details.</i>	<i>No change or simple answer with no details.</i>	
What would you do differently?	<i>Well-developed, detailed answer.</i>	<i>Clear answer with some details.</i>	<i>Simple answer with some details.</i>	<i>No change or simple answer with no details.</i>	
Judges Question 1	<i>Well-developed, detailed answer.</i>	<i>Clear answer with some details.</i>	<i>Simple answer with some details.</i>	<i>No change or simple answer with no details.</i>	
Judges Question 2	<i>Well-developed, detailed answer.</i>	<i>Clear answer with some details.</i>	<i>Simple answer with some details.</i>	<i>No change or simple answer with no details.</i>	

Model	Excellent (3)	Good (2)	Fair (1)	Poor/No Effort (0)	Score
Design Quality and Technical Skill	<i>Model is sturdy and made of safe materials – Shows much attention to detail.</i>	<i>Model is sturdy and made of safe materials – Shows some attention to detail.</i>	<i>Model is sturdy and made of safe materials – Shows little attention to detail.</i>	<i>Model is not sturdy or made of safe materials – Shows no attention to detail.</i>	
Functionality	<i>Invention is very functional as a “real” product and should be easy to use.</i>	<i>Invention should be very functional as a “real” product.</i>	<i>Invention may be functional as a “real” product.</i>	<i>Invention is not functional as a “real” product.</i>	
Feasibility/Practicality	<i>Invention is a great idea and would be very beneficial to consumers. Idea is very feasible & practical.</i>	<i>Invention is a good idea and could be beneficial to consumers. Idea is feasible & practical.</i>	<i>Invention is a good idea and could be beneficial to consumers. But it is not practical.</i>	<i>Invention is not a good idea and is not practical.</i>	

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Display Board	Excellent (3)	Good (2)	Fair (1)	Poor/No Effort (0)	Score
Invention Title	<i>Title is easy to read, neat, attractive, and placed appropriately.</i>	<i>Title is easy to read, neat and somewhat attractive.</i>	<i>Title is not in a good location, is sloppy, or hard to read.</i>	<i>Title is not on the display board</i>	
Invention Purpose	<i>The purpose of the invention thoroughly discusses how the invention solves a problem.</i>	<i>The purpose of the invention mostly discusses how the invention solves a problem.</i>	<i>The purpose of the invention somewhat discusses how the invention solves a problem.</i>	<i>The purpose of the invention does not discuss how the invention solves a problem.</i>	
Diagram/Blueprint	<i>Diagram is neat and attractive. All parts of the invention are clearly labeled and colored.</i>	<i>Diagram is neat and attractive. All parts of the invention are clearly labeled but not colored.</i>	<i>Diagram is somewhat neat and attractive. Most of the parts are clearly labeled and colored.</i>	<i>Diagram is messy. Not all parts of the invention are clearly labeled and colored.</i>	
Pictures	<i>Pictures are provided showing student work.</i>		<i>Pictures are provided, not showing student work.</i>	<i>No pictures are provided.</i>	
Invention Explanation	<i>The explanation thoroughly explains how the invention works to solve a problem.</i>	<i>The explanation mostly explains how the invention works to solve a problem.</i>	<i>The explanation somewhat explains how the invention works to solve a problem.</i>	<i>The explanation does not explain how the invention works to solve a problem.</i>	
Life Improvement	<i>Well-developed, detailed examples of life improvement.</i>	<i>Clear with some details.</i>	<i>Simple with some details.</i>	<i>No life improvement details.</i>	
Materials List	<i>Well-developed, detailed, and complete.</i>	<i>Clear with some details.</i>	<i>Simple with some details.</i>	<i>No materials list.</i>	
How to Build Guide	<i>Well-developed, detailed, and complete. Should be easy to replicate using the guide.</i>	<i>Clear with some details. Should be able to replicate using the guide.</i>	<i>Simple with some details. Will be very difficult to replicate using the guide.</i>	<i>No "how to build" guide.</i>	
Care & Use	<i>Well-developed, detailed, and complete. Care & use should be easy to use following the instructions.</i>	<i>Clear with some details. Care & use should be easy to use following the instructions.</i>	<i>Simple with some details. Care & use will be difficult following the instructions.</i>	<i>No care & use instructions.</i>	
Acknowledgements & Sources	<i>Well-developed, detailed, and complete.</i>	<i>Clear with some details.</i>	<i>Simple with some details.</i>	<i>No acknowledgements or sources listed.</i>	

Bonus _____

Points: Oral Presentation + Questions & Answers + Invention Model + Display Board + Misc. Points + Total Bonus

Final Score

Judges discretionary bonus points (Max 2 in each category except Misc. for 3 possible points). Please reserve this for exceptional work.

Judges notes