

Name _____

Grade _____ Location _____



General Requirements Evaluation*

Presentation Display		Descriptive Document (if present)	
Attractive, easy to read, and layout is in appropriate logical order	ND 1 – 2 – 3 – 4 – 5 NA	Organization is clear and complete without extraneous information.	ND 1 – 2 – 3 – 4 – 5 NA
Visual aids promote understanding	ND 1 – 2 – 3 – 4 – 5 NA	Spelling and grammar correct	ND 1 – 2 – 3 – 4 – 5 NA
Shows project in appropriate detail for understanding by audience	ND 1 – 2 – 3 – 4 – 5 NA	Visual aids promote understanding	ND 1 – 2 – 3 – 4 – 5 NA

Invention Category Evaluation**

Display and Documentation		Marketing / Promotional material (if present)	
The invention, its use and the benefits associated are clearly described.	ND 1 – 2 – 3 – 4 – 5 NA	Visual marketing material design is well prepared and presented. Promotional copy (text) is prepared and appropriate for invention.	ND 1 – 2 – 3 – 4 – 5 NA
Target audience or users of invention are identified and have a valid need.	ND 1 – 2 – 3 – 4 – 5 NA	Material is appropriate for target audience	ND 1 – 2 – 3 – 4 – 5 NA
Materials required to build the invention are described and specified.	ND 1 – 2 – 3 – 4 – 5 NA	Marketing plan developed with multiple promotion approaches prepared.	ND 1 – 2 – 3 – 4 – 5 NA
Original design, development, and analysis process explained and/or documented, including descriptions of any problems encountered and their solutions.	ND 1 – 2 – 3 – 4 – 5 NA	Other considerations specific to category	
Construction process clearly defined by drawings and/or descriptive text	ND 1 – 2 – 3 – 4 – 5 NA	The invention addresses a real-world problem or need	ND 1 – 2 – 3 – 4 – 5 NA
Research into competing/similar products is presented and complete.	ND 1 – 2 – 3 – 4 – 5 NA	The invention offers functionality that solves a problem or need efficiently and/or effectively.	ND 1 – 2 – 3 – 4 – 5 NA
Prototype or 'Mock-up'		The Invention is practical in terms of size - cost - materials - etc. for the problem/need being solved.	ND 1 – 2 – 3 – 4 – 5 NA
Prototype is relevant and complete enough to show the important aspects of the invention.	ND 1 – 2 – 3 – 4 – 5 NA	The invention uses unique or innovative methodologies in solving the problem or need.	ND 1 – 2 – 3 – 4 – 5 NA
Parts and components of prototype are described, and their function is identified.	ND 1 – 2 – 3 – 4 – 5 NA	Further steps beyond creation of invention have been initiated or taken (e.g. patents, market research, public presentation, etc.)	ND 1 – 2 – 3 – 4 – 5 NA
Prototype is well designed and constructed.	ND 1 – 2 – 3 – 4 – 5 NA		

Additional Notes and Comments

Additional Items for Consideration

Safety Considerations	
Team/External Considerations	
Special Category Considerations	

ND: Not Demonstrated, 1: Beginning, 2: Developing, 3: Acceptable, 4: Accomplished, 5: Advanced, NA: Not Applicable