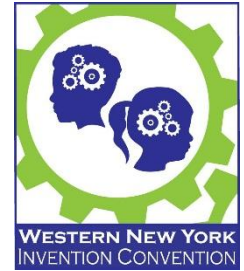


WNY Invention Convention Judges Rubric



Process	
1. Problem: To what extent does the student effectively explain the problem and need for a solution?	
2. Research: How fully explored was the relevance and potential use for this invention (evidence of extensive research, multiple sources, etc)?	
3. Testing: How well does student provide evidence of multiple attempts to develop, test, and improve invention?	
4. Solution: To what extent does the student demonstrate critical thinking in the development of their solution/invention (i.e. detailed description of development of invention with multiple concepts brainstormed / explored)?	
Prototype	
1. Iterative Improvement: To what extent does student have a testable prototype(s) with suggestions for continued improvement?	
2. Function: To what extent does this invention solve the problem originally identified?	
3. Design: To what extent does the prototype reflect thoughtful design and original, creative thought?	
4. Originality: To what extent is the solution measurably different and unique from other solutions?	
Impact	
1. Practicality: To what extent is the invention useful, relevant, and addresses a practical need / problem that people have?	
2. Target Audience: Does the student clearly understand how their solution/invention meets the needs of its potential user(s) and benefactor(s)?	
3. Overall Effect: Does the student understand the effect their solution has on solving the problem?	
Communication (Verbal / Visual)	
1. Is the oral presentation clear, complete and effective?	
2. Is the display clear, complete and effective?	
3. Student's ability to respond to questions.	
4. Inventor Journal: Was the journal representative of the invention process	