

2016 Invent Iowa Rubric

Category	Description	Points				Score
		4	3	2	1	
Problem	Is the problem clearly written?	Extremely clear	Very clear	Somewhat clear	Fairly clear	Problem not stated or unclear
	Is the problem thoroughly detailed?	Extremely detailed	Very detailed	Somewhat detailed	Fairly detailed	No details
	Is the problem significant?	Extremely significant	Very significant	Somewhat significant	Fairly significant	Not significant
Solution	Is the solution clearly written?	Extremely clear	Very clear	Somewhat clear	Fairly clear	Solution not stated or clear
	Is the solution thoroughly detailed?	Extremely detailed	Very detailed	Somewhat detailed	Fairly detailed	No details
Explanation	Is the explanation clearly written for how it works?	Extremely clear	Very clear	Somewhat clear	Fairly clear	Explanation not stated or clear
	Is the explanation thoroughly detailed?	Extremely detailed	Very detailed	Somewhat detailed	Fairly detailed	No details
	Is the drawing and/or diagram detailed and labeled?	Extremely detailed, all parts labeled	Very detailed, most parts labeled	Somewhat detailed, some parts detailed	Fairly detailed, minimal parts labeled	No details, no drawing and/or diagram shown
Uniqueness	Are there photos of the invention in use?			More than 1	1 photo	No photos
	Did the student research and include the USPTO and 3 related businesses?	4 or more sources documented	3 sources are documented	2 sources are documented	1 source is documented	No proof of uniqueness is provided

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Benefits	Are the benefits of the invention clearly written?	Extremely clear	Very clear	Somewhat clear	Fairly clear	Benefits not stated or clear	
	Are the benefits of the invention explained in detail?	Explained in detail extremely well	Explained in detail very well	Explained in detail somewhat well	Explained in detail fairly well	Not explained	
Inventor's Log/ Journal	Are the benefits significant?	Extremely significant	Very significant	Somewhat significant	Fairly significant	Not significant	
	Does the log/journal thoroughly document the invention process?	Extremely well documented	Very well documented	Somewhat documented	Fairly documented	Not provided	
Invention	Is the invention model or prototype workable?	Works highly effectively	Works very effectively	Works somewhat effectively	Works fairly effectively	Does not work	
	Does the invention efficiently solve the problem?	Highly efficient	Very efficient	Somewhat efficient	Fairly efficient	Not efficient	
Points							
		8	6	4	2	0	
	Does the invention involve a novel idea?	A significant difference between prior products	A substantial difference between prior products	Simple differences between prior products	Very similar to prior products	Not a novel idea	/8
Total Score							/74