

# Form A: INVENT IOWA Evaluation Rubric

## Levels of Mastery

		<b>5 Expert Inventor</b>	<b>4 Skillful Inventor</b>	<b>3 Amateur Inventor</b>	<b>2 Beginner Inventor</b>	<b>Points</b>
<b>Novelty</b>	<b>A.</b> Does the invention involve a <i>novel</i> idea?	A <b>significant</b> level of difference between this invention & prior products	A <b>substantial</b> level of difference between this invention & prior products	<b>Some simple differences</b> level of difference between this invention & prior products	<b>Very similar</b> to prior products	<b>Novelty</b> A _____ +
	<b>B.</b> Is the invention a <i>fresh</i> or <i>unexpected</i> idea?	<b>Unique &amp; exciting</b> product idea	<b>Very interesting</b> product idea	<b>Attractive</b> but <b>predictable</b> idea	<b>Traditional</b> product idea	B _____
<b>Usefulness</b>	<b>C.</b> Is the invention <i>workable</i> ?	<b>Clear and convincing evidence</b> that this invention will work effectively	<b>Sufficient evidence</b> that this invention will work effectively	<b>Minimal evidence</b> that this invention will work effectively	<b>Little evidence</b> that this invention will work effectively	<b>Usefulness</b> C _____ +
	<b>D.</b> Is the invention <i>appropriate</i> for the stated need or idea?	A <b>clear &amp; convincing connection</b> between the problem or idea & the invention	<b>Sufficient evidence</b> of a connection between the problem or ideas & the invention	<b>Minimal evidence</b> of a connection between the problem or idea and the invention	<b>Little evidence</b> of a connection between the problem or idea & the invention	D _____
<b>Appeal</b>	<b>E.</b> Does the invention have strong <i>interest</i> & <i>appeal</i> to intended audience?	<b>Professional in appearance &amp; well-suited</b> to the intended audiences	<b>Attractive &amp; useful</b> for the intended audiences	<b>Useful to some</b> people in the intended audience	<b>Idea might have potential</b> interest & appeal	<b>Appeal</b> E _____ +
	<b>F.</b> Is the invention <i>well-crafted</i> & <i>complete</i> ?	<b>Clear &amp; convincing evidence</b> that materials & construction are the best for the invention	<b>Sufficient evidence</b> that materials & construction can be used for the invention	<b>Minimal evidence</b> that materials & construction can be used for the invention	<b>Little evidence</b> that materials & construction can be used for the invention	F _____
<b>G.</b> Is the invention entry <i>diagram</i> presented professionally?		<b>Elaborate &amp; attractive</b> diagram with all parts clearly labeled & explained	An <b>attractive</b> diagram with all parts labeled	Diagram with <b>most</b> parts labeled	A <b>simple</b> drawing of the invention	<b>Invention Presentation</b> G _____
<b>H. (1)</b> Is the invention entry <i>model</i> a clear idea representation?		A <b>highly-detailed &amp; comprehensive</b> representation of the invention	A <b>comprehensive</b> representation of the invention	An <b>adequate</b> representation of the invention	A <b>simplified</b> representation of the invention	H (1) _____ +
OR _____						
<b>H. (2)</b> Is the invention entry <i>prototype</i> an exact replica?		A <b>highly-detailed &amp; comprehensive</b> working replica of the invention	An <b>adequate</b> working replica of the invention	A <b>simplified</b> working replica of the invention	A <b>simplified</b> representation of the invention	H (2) _____ +
<b>I.</b> Is the Inventor's <i>Log</i> thorough & complete? ("rough" format is acceptable)		A <b>well-developed</b> description of the invention <b>process</b>	A description containing the <b>highlights</b> of the invention process	Brief <b>statement</b> of the invention <b>idea &amp; solution</b>	A <b>partial</b> description of the invention	I _____ +
<b>J.</b> Is the Inventor's <i>oral presentation</i> thorough & complete?		Communicates a <b>high level of knowledge &amp; understanding</b> of the <b>process</b> leading to this invention	Communicates <b>some knowledge &amp; understanding</b> of the <b>process</b> leading to this invention	<b>Describes</b> the invention <b>idea &amp; the solution</b>	<b>Briefly describes</b> the invention	J _____ =

Evaluator # \_\_\_\_\_

Student Registration # \_\_\_\_\_