

Name _____

Invention Convention Rubric: English Language Arts

STANDARD	4 ABOVE AND BEYOND	3 PROFICIENT	2 DEVELOPING	1 NOVICE
Display Board: Conventions (5.W.6.2.a) <i>Includes invention name, problem, solution, and a diagram with labels.</i>	Writing has no errors in capitalization, punctuation, and spelling. Titles, headings, and subheadings are neat and consistent, and are placed in a way that emphasizes important information.	Writing includes a title and headings and are neatly placed. Very few errors in capitalization, punctuation, and spelling.	Writing includes most titles and headings. There are some errors in capitalization, punctuation, and spelling but these errors do not interfere with the meaning of the text.	Writing is missing several titles and headings. There are numerous spelling, grammar, and punctuation errors that affect the reader's ability to understand the text.
Informational Writing: Problem & Solution (5.W.5) <i>Students complete tasks on an invention</i>	Problem and solution writing is organized into well written paragraphs that have varying sentence structure and use technical and scientific word choice.	Problem and solution writing is organized in paragraphs, using some complex sentence structures and technical word choice.	Problem and solution writing is complete, but may be organized in bullet points or lists. Mostly simple sentences used and word choice is not specific or technical.	Problem and solution writing is unorganized and is missing information. Writing includes unrelated thoughts and fragments.
Persuasive Writing: Advertisement (5.W.3.1) <i>Television or radio ad</i>	Created a powerful advertisement that uses the problem to persuade the viewer to use their invention. Strong persuasive word choice that includes catchy slogan or tagline.	Created an advertisement that uses strong persuasive wording, and mentions the problem and invention.	Created an advertisement that uses some persuasive wording, and mentions the problem or invention idea.	Did not create a persuasive writing piece or an advertisement.
Oral Presentation (5.SL.4.2) <i>Discuss inspiration, problem, solution, marketing, & ad</i>	Presents invention using clear and confident speaking voice, enthusiasm and a range of tone in voice that engages the audience. Presentation is well organized and easy for the audience to follow. Covers all topics.	Presents invention using clear speaking voice, some enthusiasm, and covers all required topics. Organized and audience can follow.	Presents information using moderate speaking voice, could be difficult to hear at times, or confusing to follow. Some topics are missing.	Did not give a presentation, or presentation is missing most of the topics. Information is disconnected and confusing for audience to follow.
Questions from the Audience (5.SL.2.4)	Able to fully respond to questions and elaborate upon those answers to make connections	Able to fully respond to questions from the audience	Able to respond to some of the questions, or does not fully answer the questions	Unable to answer questions from the audience

5.SL.2.4 Pose and respond to specific questions by making comments that contribute to the discussion and elaborate on the remarks of others.

5.SL.4.2: Create engaging presentations that include multimedia components and visual displays when appropriate to enhance the development of main ideas or themes.

5.W.3.1 Write persuasive compositions in a variety of forms that –(1) Clearly present a position in an introductory statement to an identified audience, (2) Use language appropriate for the identified audience, (3) Connect reasons to the position using words, phrases, and clauses, (4) Provide a concluding statement or section related to the position presented.

5.w.6.2 Demonstrate command of capitalization, punctuation, and spelling

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Invention Convention Rubric: Science

	4 ABOVE AND BEYOND	3 PROFICIENT	2 DEVELOPING	1 - 0 NOVICE
Problem & Solution Statements <i>Submit p.2 of Packet with signature by 3/15</i>	Submitted Complete Problem & Solution with parent signature by the due date (3/15)	Submitted Problem & Solution with signature complete, but late	Submitted Problem & Solution with signature Incomplete	Did not submit Problem & Solution with signature
Model / Prototype <i>Create a model or prototype to show how it would look and work as a real product</i>	Created a model that gives the audience a clear idea of how it would look and work as a real product. Is well made and shows effort.	Created a model of the invention that gives the audience an idea of how it would look and work as a real product	Model seems unfinished, or does not clearly show how the invention would work	Used a mostly pre-made product with little or no changes OR Did not create a model or prototype
Display Board / Website <i>Includes invention name, problem, solution, and a diagram with labels.</i>	Includes all required information. Pictures/videos included. Creative, interesting, and shows attention to detail.	Invention name clear. Description of problem and Solution included. Diagram/Photograph with labels included.	Missing 1 component.	Missing several components OR Did not create a Display or Website
Advertisement <i>Create a written advertisement using persuasive wording, then record it as a television or radio advertisement</i>	Created an ad that uses persuasive wording, is creative, identifies target audience, shows extra effort/preparation, identifies the problem and shows how the invention solves it.	Created a written advertisement that uses persuasive wording, and identifies the problem and how this invention solves it. Recorded the persuasive writing as a radio or TV ad.	Created an ad that does not identify the problem and solution, or does not use persuasive wording	Ad is on paper only, and/or does not identify the problem and solution, and/or is not persuasive OR Did not create an advertisement
Presentation <i>Discuss inspiration, problem, solution, marketing, and advertising</i>	Shows enthusiasm for the invention and engages the audience. Explains detailed marketing plan. Covers all topics.Organized and audience can follow.	Seems interested in invention, shows some enthusiasm, and and covers all required topics. Organized and audience can follow.	Seems disinterested or lacks confidence in invention. Some topics are missing. Audience has difficulty following along.	Presentation is missing most of the topics. Information is disconnected and confusing for audience to follow, OR Did not give a presentation

5.3.1 Observe and classify common Indiana organisms as producers, consumers, decomposers, predator and prey based on their relationships and interactions with other organisms in their ecosystem.

5.4.2 Investigate the purpose of prototypes and models when designing a solution to a problem and how limitations in cost and design features might affect their construction.