**Invention Convention Rubric**

**April 8th** – You should turn in a rough draft of your data tables, conclusion and analysis. You can turn this in either on ilearn or a hard-copy version.

**April 15th**- Bring in your invention, each step of the Invention Convention. You will have two days in class to put your boards together. I will provide the board.

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| Objective | Description | Points Possible | Points Earned |
| Question/title (problem being solved) | What problem does your invention solve? | 4 |  |
| Research | Clearly written research of invention.  -Are there similar inventions, how is your invention better than similar products? (2)  -Where, how and when would you use your invention?(2)  -Textual evidence, sources and citations are included. (2) | 6 |  |
| Hypothesis | Your hypothesis must be written in an “if, then” statement. *Example*: If I make a heated coat, then I will stay warm while waiting at the bus stop. | 5 |  |
| Materials | A clear list of materials for your invention and what you needed to test it. | 6 |  |
| Procedure | A numbered clear list describing how you tested your invention. | 10 |  |
| Results | ***Graphs and data chart*** of quantitative (7) and qualitative data (7). Needs to be measureable. | 16 |  |
| Conclusion | Clear statement whether your invention solved your problem. | 5 |  |
| Analysis | Analyze your data; should include the following  -Did you invention work? (4)  -Is it better than related products?(4)  -Did you have to make any modifications or what modifications could you make? (4)  -**Support all of your claims with your data.(4)** | 16 |  |
| Pictures and testimonials | Multiple pictures of your test subjects using your invention and multiple statements from your test subjects describing their experience. | 10 |  |
| Presentation | -You give a clear and knowledgeable presentation of your project.(4)  -You are professional(4)  -Your presentation is pleasing to the eye(4) | 12 |  |
| Participation | You are participating in all class days associated with Invention Convention in a professional manner. | 10 |  |
| Total score |  | 100 |  |

