**Science Fair Rubric **

**Student’s Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

\*\*There will be a total of 100 points awarded

***Scientific Investigation***

**Your Science Project Must Haves (60 points)**

* Identify IV, DV, and CV \_\_\_\_\_\_\_\_\_ (10 points)
* A Testable Question & Hypothesis \_\_\_\_\_\_\_\_ (10 points)
* List of Materials \_\_\_\_\_\_\_\_\_\_\_ (5 points)
* Detailed Step-By-Step Procedures \_\_\_\_\_\_\_\_ (10 points)
* Data Collected (graph or chart) \_\_\_\_\_\_\_\_\_ (10 points)
* Analysis of Data \_\_\_\_\_\_\_\_\_ (5 points)
* Correctly Stated Conclusion \_\_\_\_\_\_\_\_\_\_ (10 points)

**Visual Aids (which MUST include the following)**

**(4 x 10 points each = 40 points)**

* A PowerPoint presentation that summarizes your experiment
* The actual materials used to perform your science experiment
* Any Graphs Used During Your Experiment
* Any Diagrams That Illustrate Your Experiment

Total Grade: \_\_\_\_\_\_\_\_\_\_\_

Comments: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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\*\*There will be a total of 100 points awarded

***Engineering Design Process***

**Your Science Project Must Haves (50 points)**

* Identify how each step of the design process was used to create your product:
  + Research (10 points)
    - Includes Your Testable Question
  + Design (10 points)
    - Your Plan/Steps to Complete Your Product
  + Build (10 points)
    - Your Actual Materials used to perform your experiment
  + Test (10 points)
    - Evidence Using Tables & Graphs of Your trials to test the product’s efficiency
  + Improve (10 points)
    - Evidence Using Diagrams to show how your product was made more efficient

**Visual Aids (which MUST include the following items)**

**(5 Visual Aids x 10 points each = 50 points)**

* A PowerPoint presentation explaining your process
* The actual materials used to perform your science experiment
* Graphs Used During Your Experiment
* Diagrams That Illustrate Your Experiment
* Blueprint of Your Product
  + Include the schematic drawing & product’s anticipated function

Total Grade: \_\_\_\_\_\_\_\_\_\_\_

Comments: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_