**Science Fair Display Board Rubric**

1. Title: The title is phrased as a question. (5 points)

2. Problem Statement/Purpose: One or two sentences written on the display board telling what you studied. Tell why you picked your topic. (10 points)

3. Hypothesis: One sentence written on the display board. It tells what you think will happen in your experiment…written as an “if….then…” statement. (10 points)

4. Materials: All materials listed on the display board, including amounts (5 points) example:(1/2 cup)

5. Procedure: Tell what you did sequentially (step by step) (10 points)

6. Data: graphs, pictures, charts, surveys, drawings. Results: what happened during your research?(No faces in the photos please…) (10 points)

7. Conclusions: Did your results prove or disprove your hypothesis? Write one or two sentences on the display board and sharing this information. (10 points)

8. Abstract/summary: A summary of the completed experiment. Include what you did and the results of your experiment. (10 points)

9. Neatness and Appearance: Your Science Fair display board and visual display (sample experiment) should be neat and well organized. (10 points)

10. Difficulty/Creativity: The project should be appropriate for the grade level and a challenge for the student. The Project presented an experiment with measurable outcomes. (10 points)

11. Independently Completed: All work is completed by the student. (10 points)

Total = 100 points

**Oral Presentation**

 1. Discussed why you chose this experiment and explain the research you did for this project. ( 10 points)

 2. Tell us what your problem statement was. (10 points)

3. State the hypothesis using an “if…then …” statement. (5 points)

 4. Explained how you conducted the experiment including the materials you used. You do not have to be specific with the measurements for the oral presentation. (20 points)

 5. Tell us what the independent and dependent variable of your experiment were. (5 points)

 6. Make sure you have a clear understanding of the experiment and are able to tell others about it. (20 points)

7. Explain the results of your experiment and relate it to the problem statement. (10 points)

 8. Tell us how your project can benefit others or how it can apply to a real life situation. ( 10 points)

9. Make sure you engage in eye contact when presenting and do not read the board. (10 points) Total = 100 points

**Science Fair Written Report Rubric**

**Must be typed (12 font, Times New Roman)**

1. Title: The title is phrased as a question. (5 points)

2. Research/Purpose: One or two paragraphs explaining your topic and should include research information (make sure it is properly cited). You also need to state why you chose this topic. (10 points)

 3. Problem Statement: State the problem that you will be researching.(5 points)

 4. Hypothesis: One or two sentences that states what you are going to study. Must be written as an if….then….statement. (5 points)

5. Materials: All materials that you used for the experiment, including amounts. For example: (1/2 cup) (5 points)

 6. Identify the independent and dependent variables:. (5 points)

7. Procedure: Tell what you did sequentially (step by step) be very specific. Remember, a good science experiment should be written so some else can conduct it the same way you did and get the same results. (10 points)

8. Data: graphs, pictures, charts, surveys, drawings, etc. (no faces in the photos please…) (5 points)

9. Conclusions: Did your results prove or disprove your hypothesis? (5 points)

10. Abstract/ summary: A summary of the experiment along with an analysis of the results or your experiment. (10 points)

11. Application/recommendations: How can your project benefit others? How can your project be applied to a real life situation. (10 points)

12. Difficulty/Creativity: The project should be appropriate for the grade level and a challenge for the student. The project is testable, with results that can be measured, counted, or recorded through charts, graphs, and photographs. (10 points)

13. Acknowledgements/Bibliography: Who do you want to thank? (5 points) 14 . Research Log (10 points) Total = 100 points