

Saint Mary School
7th and 8th Grade
Science Fair Project Rubric
2015-2016

1. **PHASE 1- Generating an Idea (10 points)**

- Completed on time.

2. **PHASE 2- Researching and Planning (10 points)**

- Completed on time.

3. **PHASE 3- Data Collection and Analysis (10 points)**

- Completed on time.

4. **PHASE 4- Writing a Report (10 points)**

- Completed on time.

5. **PHASE 5 Creating and Exhibiting a Display (10 points)**

- Deadlines were met on time.

6. **CREATIVENESS (10 points)**

- Originality of the problem, uniqueness of approach and the handling and interpretation of data should be commensurate with the grade level of the students. Ingenious use of equipment and materials is considered without regard to the cost of the items involved.

7. **SKILL (10 points)**

- Credit is given for special skills needed for the construction or use of equipment and for mathematical, computational, observational and design skills.

8. **CLARITY (10 points)**

- The purpose, procedures and conclusions are clearly explained orally and through the display. The project notebook is well organized, neat and accurate. Sources of ideas, data and assistance are clearly identified.

9. **SCIENTIFIC METHOD (50 points)**

- Experimental design leads to sound scientific results. Scientific method followed including control variables, manipulated variables, responding variables and a control group. Sample size used leads to a reasonable margin of error.

10. **Mathematical Analysis (50 points)**

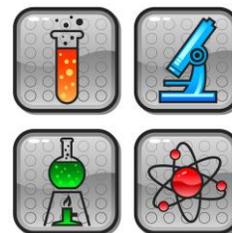
- Data collection uses precise measurements. Statistical analysis includes statement of margin of error.

11. **PRESENTATION (20 points)**

- Notebook follows <http://www.gsdsef.org/2013/gsdsefNotebook2013.pdf>. Notebook is presented in professional looking format (fonts, layout, etc.) and uses proper spelling and grammar. All permission forms are on file. Raw data presented as part of display. Research paper properly cited and bibliography in correct format. Charts and tables clearly summarize data. Board is professional and depicts project with photos or graphics.

12. **ORAL REPORT (50 points)**

- Student presents Science Fair Project orally to class with



Total Possible Points: 200