

2016-17 Science Fair Project Assessment Rubric

Teacher: Mr. Bridges

Student Name: _____

CATEGORY/POINT VALUE	EXCELLENT	AVERAGE	BELOW AVERAGE	MISSING
Title Page and Table of Contents _____/10	8 – 10 – Name, title, and graphic available. Table of Contents is consistent and pages are numbered.	5 – 7 – Content is lacking attention or is incomplete in parts. Formatting is not used or content is unclear or inconsistent.	1 – 4 – Content is weak or below grade level. Important information is unavailable to the reader.	0 points Content is missing
Abstract/Acknowledgements _____/15	13 – 15 – Explains the necessary info. Reader gets a good understanding of the projects process and components. Provided assistance was acknowledged.	8 – 12 – Content is lacking attention or is incomplete in parts. Formatting is not used or content is unclear or inconsistent.	1 – 7 – Content is weak or below grade level. Important information is unavailable to the reader.	0 points Content is missing
Introduction _____/10	8 – 10 – Content explains the reason for the experiment from the student’s perspective. Explains Scientific Implications.	5 – 7 – Content is lacking attention or is incomplete in parts. Formatting is not used or content is unclear or inconsistent.	1 – 4 – Content is weak or below grade level. Important information is unavailable to the reader.	0 points Content is missing
Review of Literature (Research) _____/30	25 – 30 – Research contains relevant information, correctly formatted and sources cited. Bibliography available and is correctly formatted. Content is written at or above grade level quality.	15-24 – Research contains some relevant information or is limited in content. Sources are not evident or are not properly cited within the text. Bibliography is available but is lacking formatting.	1 – 14 – Content is weak or below grade level. Important information is unavailable to the reader.	0 points Content is missing
Problem Statement / Hypothesis _____/15	13 – 15 – Problem is correctly formatted and displays project’s MV and RV. Hypothesis is consistent with problem statement. Hypothesis is supported with scientific reasoning.	8 – 12 – Content is lacking attention or is incomplete in parts. Formatting is not used or content is unclear or inconsistent.	1 – 7 – Content is weak or below grade level. Important information is unavailable to the reader.	0 points Content is missing
Materials and Procedures _____/15	13 – 15 – Necessary materials and quantities are identified. Procedures provide accurate and repeatable explanation of experiment.	8 – 12 – Content is lacking attention or is incomplete in parts. Formatting is not used or content is unclear or inconsistent.	1 – 7 – Content is weak or below grade level. Important information is unavailable to the reader.	0 points Content is missing
Findings _____/20	16 – 20 – Data is organized and measurable. Data includes units and is clear and understandable. A graph or visual is available and clearly displays project’s findings.	10 – 15 – Content is lacking attention or is incomplete in parts. Formatting is not used or content is unclear or inconsistent.	1 – 9 – Content is weak or below grade level. Important information is unavailable to the reader.	0 points Content is missing
Conclusion _____/15	13 – 15 – Conclusion reflects upon the findings and explains if hypothesis is supported/rejected. Writing is well thought out/ displays understanding.	8 – 12 – Content is lacking attention or is incomplete in parts. Formatting is not used or content is unclear or inconsistent.	1 – 7 – Content is weak or below grade level. Important information is unavailable to the reader.	0 points Content is missing
Recommendations _____/15	13 – 15 – Discusses possible improvements and identifies any changes that could have helped. Reflections are consistent with the project.	8 – 12 – Content is lacking attention or is incomplete in parts. Formatting is not used or content is unclear or inconsistent.	1 – 7 – Content is weak or below grade level. Important information is unavailable to the reader.	0 points Content is missing
Bibliography _____/10	8 – 10 – Properly formatted and alphabetized. Substantial amount of resources provided. Sources are valid and relevant to the project.	5 – 7 – Content is lacking attention or is incomplete in parts. Formatting is not used or content is unclear or inconsistent.	1 – 4 – Content is weak or below grade level. Important information is unavailable to the reader.	0 points Content is missing
Appendix: including raw data _____/15	13 – 15 – Materials reflect the gathering of data and are displayed to aid in the overall understanding of the project. Effort to provide info is clear.	8 – 12 – Content is lacking attention or is incomplete in parts. Formatting is not used or content is unclear or inconsistent.	1 – 7 – Content is weak or below grade level. Important information is unavailable to the reader.	0 points Content is missing
Spelling, Grammar, Organization _____/15	13 – 15 – The written content of the project is free of spelling and grammar errors. Font and size is consistent throughout. Components are organized and easily accessible.	8 – 12 – Minor spelling or grammar errors found throughout. Inconsistencies in formatting, font, or font sizes. Components are out of place or missing.	1 – 7 – Content is weak or below grade level. Important information is unavailable to the reader.	0 points Content is missing
Thoroughness of Scientific Implications _____/20	16 - 20 – The study is complete and within the scope of the problem. Experiment appears to be thoughtfully crafted and data was organized and carefully collected. Multiple trials were conducted to validate experiment results.	10 – 15 – Study leaves gaps in the solution to problem. Experiment had minor inconsistencies with data collection or data was limited due to inadequate number of experimental groups tested or trials conducted.	1 – 9 – The study was never fully conducted and data is not provided. Explanation is provided and the problem is identified.	0 points Content is missing
Creativeness/Environmental Impact _____/15	13 – 15 – Purpose is significant and is identified to have a degree of environmental impact or implication to solve a greater problem. Solution involved creative approaches and/or complexity.	8 – 12 – Project displays scientific importance but lacks social or environmental implications. Solution to the problem lacks innovation or complexity.	1 – 7 – Content is weak or below grade level. Important information is unavailable to the reader.	0 points Content is missing
Clarity/Conclusive Findings _____/15	13 – 15 – The results of the experiment clearly address the problem and the experiment shows consistency throughout and was completed entirely.	8 – 12 – Results of the experiment are not entirely consistent with the problem or purpose of the experiment. Results are inconclusive.	1 – 7 – Content is weak or below grade level. Important information is unavailable to the reader.	0 points Content is missing
Overall Effort and Neatness _____/15	13 – 15 – Students efforts are clearly displayed. Project is neat and carefully displayed in a notebook. Project is clearly the work of the student.	8 – 12 – Students efforts are lacking in parts of the project. Information is half-heartedly displayed.	1 – 7 – Very little effort is put into the final notebook display. Final project looks unprofessional.	0 points Content is missing
Total Points _____/ 250	_____ % = _____			