

Cobb Elementary Science Fair Experiment/Observation Rubric

Project Element	Description	Expectation	Point Value
Testable Question	Asks a specific, measurable, cause & effect question or clear purpose of project given.	1 sentence	10
Prediction/ Hypothesis	Predicts a reasonable outcome as a result of a specific change OR clearly explains how device will operate.	Short paragraph	10
Procedure	Describe the process you went through so others can reproduce the experiment and test your results. A high score would indicate that the project could be repeated after reading your procedures.	Paragraph	10
Constant Conditions	Identify the constant conditions, independent variables, and dependent variables.	Displayed in a table.	10
Data and identification	<ul style="list-style-type: none"> •Use Photos/charts/graphs/ illustrations to show the data collected •All data should be labeled •form(s) of measurement are indicated in your data table 	On Presentation Board	10
Conclusion & Reflection	Reflects what the student has learned. Were there any surprises? What would you do differently or to continue the project?	Paragraph	10
Communication of Student's Scientific Knowledge	Student clearly explains the purpose and science behind her/his project. They can answer questions using scientific vocabulary relevant to their project.	Student presents his/her experiment to the teacher in class.	30
Visual Presentation	Labels are accurate, correctly spelled, and neat. Photos are not crooked, no smudges are visible, and student effort for the visual presentation is evident.		10
Total Score			

*Items of value to the student are not displayed. Photos represent valued objects. Live animals, bacteria, and do not touch signs are left at home.

K-2 students will not be eligible for Ribbons. They will receive a certificate of participation.