

Project Elements	Description of Criteria	Possible Score	Score
DISPLAY BOARD - SCIENTIFIC PROCESS:			
Title & Description	Title of project and overview of project	0-5	
Problem & Hypothesis	Problem: statement clearly states what is being observed and what pattern/phenomenon will be noted about the observed object(s). Hypothesis: predicts expected pattern/phenomenon derived from the observed data.	0-10	
Background	History – highlights important people or discovery Significance – explain importance of this project. Facts-tells what is known about the topic and explains major terms & definitions Method-tells how this topic has been studied before (steps, equipment, measurement). Bibliography-Includes at least 3 sources	0-10	
Procedure & Conditions	Describe process for observation. Includes detailed process for observation. High score would indicate that the project can be repeated after reading.	0-10	
Data and identification	<ul style="list-style-type: none"> • Use photos/charts/graphs /illustrations to show observation. All data should be clearly labeled and identify the group, relationship or trend. • Graphs should contain title, x and y axis labeled and intervals are equal. • Demonstrates appropriate application of mathematical and statistical methods. • High score indicates that student has observed 10 samples or more to demonstrate diversity; data is clear accurate, detailed and the parts are well labeled. <p><i>(Note to student: Items that are valuable or valued by the student are not to be displayed – use photos/illustrations instead)</i></p>	0-15	
Results	Diagram or Table clearly labeled to show answer to problem & hypothesis.	0-5	
Conclusion & Reflection	Reflects what the student has learned. Were there any surprises? What would you do differently or to continue the project? Includes statement answering problem and hypothesis.	0-10	
LOGBOOK:			
Signed Safety Form & guidelines	All projects are required to have a signed safety form (placed on the inside cover of log book). Students should also provide detailed descriptions on how they followed the safety guidelines in their logbook.	0-10	
Dated Entries	High score indicates that student has written process, observations and data in log book during collection. Clearly written with dates and comments.	0-15	
OVERALL CREATIVITY/INNOVATION/ENGAGEMENT:			
Creativity/Innovation/Engagement	Student demonstrates an understanding of the subject matter or innovative/creative way of approaching their project.	0-10	
Total Possible Score		0-100	
TOTAL SCORE: _____			