SCIENCE FAIR PROJECT - EXPERIMENT RUBRIC

Student Name:

STANDARD ASSESSED:	POINTS EARNED:	AT-A-GLANCE:	FULL DESCRIPTION OF REQUIREMENTS:
Results, Evidence and Information ETS 1- 1	4	Accurate w/ SOE 3+ sources	Experimental data was averaged from three or more trials for each variable. Results (findings and trends) are summarized clearly and accurately. Possible sources of error are stated. References from three or more valid resources.
	3	Accurate 3+ sources	Experimental data was averaged from three trials for each variable. Results (findings and trends) are summarized clearly and accurately. References from three or more valid resources.
	2	Insufficient trials 2-3 sources	Experimental data was averaged from one to three trials for each variable. Results are only listed and/or not clearly summarized. References from two to three valid sources.
	1	Incomplete 2-3 sources	Incomplete experimental data was collected. Results are only listed and/or not clearly summarized. References included.

Notes: Valid sources are a mix of encyclopedias, peer-reviewed journals, textbooks and academic videos.

STANDARD ASSESSED:	POINTS EARNED:	AT-A-GLANCE:	FULL DESCRIPTION OF REQUIREMENTS:
Diagrams ETS 1-3	4	5+ images	Five or more relevant images, including one or more graphs. All images include titles and descriptions.
	3	4 images	Four relevant images, including one graph. All images include titles and descriptions.
	2	3 images	Three relevant images, including one graph. All images include titles and descriptions.
	1	1-2 images	One to two relevant images. Missing a graph is an automatic 1.

Notes:

STANDARD ASSESSED:	POINTS EARNED:	AT-A-GLANCE:	FULL DESCRIPTION OF REQUIREMENTS:
Conclusion Summary ETS1-2	4	In depth	In depth conclusion based on experiment outcomes and current research. Connections are made to other similar studies. Discusses possible sources of error and next steps.
	3	Relevant	Conclusion based on experimnt outcomes. Discusses possible sources of error and next steps.
	2	Summary	Conclusion summarizes outcomes.
	1	Incomplete	Incomplete or absent conclusion.

Notes:

STANDARD ASSESSED:	POINTS EARNED:	AT-A-GLANCE:	FULL DESCRIPTION OF REQUIREMENTS:
Word Choice LA.6-8. WHST.6-8.2. b_1	4	Precise language	Precise language clearly presents complete problem, hypothesis and procedure. Background section makes the topic understandable. Advanced vocabulary present and used appropriately.
	3	Clear language	Language clearly presents complete problem, hypothesis and procedure. Background section makes the topic understandable. Grade level vocabulary present and used appropriately.
	2	General	Language presents mostly complete problem, hypothesis and procedure. Background section Included. Vocabulary used appropriately.
	1	Incomplete	Language presents mostly complete problem, hypothesis and procedure. Background section incomplete.

Notes:

STANDARD ASSESSED:	POINTS EARNED:	AT-A-GLANCE:	FULL DESCRIPTION OF REQUIREMENTS:
Design ETS 1-4	4	Professional	Display board completes Science Fair Checklist and has professional appearance.
	3	Effective	Display board completes Science Fair Checklist and is used effectively. It is colorful and clean.
	2	Complete	Display board mostly completes the Science Fair Checklist.
	1	Incomplete	Significant sections missing or incomplete. Requires redo.

Notes: