

STANDARDS-BASED SCIENCE CONVENTION SCORING RUBRIC

Student's Name: _____

Instructions to Scorer: For each item circle 0, 1, or 2. 0=No; 1= Some Evidence; 2=Yes

Part 1: Self Assessment	Scorers' names _____ & _____	Score
1. Is the investigation guided by a question that can be tested & measured?		0 1 2
2. Is a prediction proposed that gives a possible answer to the guiding question?		0 1 2
3. Are the procedures described in sufficient detail to allow for easy replication?		0 1 2
4. Is there evidence that a well-planned experiment was conducted?		0 1 2
5. Was appropriate equipment selected and used to help collect data?		0 1 2
6. Did the student collect and interpret quantitative and qualitative data?		0 1 2
7. Is the data displayed in an easy-to-read graph and/or table?		0 1 2
8. Was research done to scientifically explain what was learned?		0 1 2
9. Is the summary: (1) Reasonable? (2) Based on data? (3) Connected to the hypothesis?		0 1 2
10. Is the project presented in a manner that makes the purpose, procedure, and results clear?		0 1 2
		+ ____/20

Part 2: Peer Assessment	Scorers' names _____ & _____	Score
1. Is the investigation guided by a question that can be tested & measured?		0 1 2
2. Is a prediction proposed that gives a possible answer to the guiding question?		0 1 2
3. Are the procedures described in sufficient detail to allow for easy replication?		0 1 2
4. Is there evidence that a well-planned experiment was conducted?		0 1 2
5. Was appropriate equipment selected and used to help collect data?		0 1 2
6. Did the student collect and interpret quantitative and qualitative data?		0 1 2
7. Is the data displayed in an easy-to-read graph and/ or table?		0 1 2
8. Was research done to scientifically explain what was learned?		0 1 2
9. Is the summary: (1) Reasonable? (2) Based on data? (3) Connected to the hypothesis?		0 1 2
10. Is the project presented in a manner that makes the purpose, procedure, and results clear?		0 1 2
		+ ____/20

Part 3: Teacher Assessment	Score		
1. Is the investigation guided by a question that can be tested & measured?	0	1	2
2. Is a prediction proposed that gives a possible answer to the guiding question?	0	1	2
3. Are the procedures described in sufficient detail to allow for easy replications?	0	1	2
4. Is there evidence that a well-planned experiment was conducted?	0	1	2
5. Was appropriate equipment selected and used to help collect data?	0	1	2
6. Did the student collect and interpret quantitative and qualitative data?	0	1	2
7. Is the data displayed in an easy-to-read graph and/ or table?	0	1	2
8. Was research done to scientifically explain what was learned?	0	1	2
9. Is the summary: (1) Reasonable? (2) Based on data? (3) Connected to the hypothesis?	0	1	2
10. Is the project presented in a manner that makes the purpose, procedure, and results clear?	0	1	2
	+____/20		