



SciVention Convention

3rd and 4th Grade Experiment Judging Rubric

Student(s): _____

Teacher: _____ Grade: _____

Instructions to Judge: For each item, circle 0, 1, or 2. Do not leave any items unanswered.

0 = No 1 = Some Evidence 2 = Yes

1.	Is the investigation guided by a Testable Question (Hypothesis)?	0	1	2
2.	Is a hypothesis proposed that gives a possible answer to the guiding question?	0	1	2
3.	Are the procedures described in sufficient detail to allow easy replication by another person?	0	1	2
4.	Is there evidence that an experiment or investigation was conducted?	0	1	2
5.	Was appropriate equipment, such as rulers, scales, thermometers, stopwatches, or magnifying glasses, used to help collect data?	0	1	2
6.	Is the quantitative data relevant?	0	1	2
7.	Is the data displayed in an easy to read graph or some other format?	0	1	2
8.	Are the data analyzed to seek an answer to the guiding question or to evaluate the hypothesis? (For this item it is okay for the student to conclude there are inconclusive results.)	0	1	2
9.	Is the project presented in a manner that makes the purpose, procedure, and results clear?	0	1	2
10.	Is the presenter knowledgeable about their project, clearly understood and enthusiastic about their topic?	0	1	2
Total Points				
Final Score		_____ / 20		

Comments provided on reverse side.

One positive comment:

One positive suggestion:
