

Judging Criteria Rubric (100 pts.)

Criteria	Points Earned									
A. Knowledge Achieved	(30 pts.)									
Correct use of scientific terms?	1	2	3	4	5					
Evidence of acquisition of knowledge	1	2	3	4	5	6	7	8	9	10
Evidence of understanding underlying principles	1	2	3	4	5					
Study is above and beyond level of classroom work	1	2	3	4	5					
B. Effective Use of Scientific Method (Experimental Discussion)	(40 pts)									
Hypothesis stated clearly	1	2								
Difficulty of experiment (simple to difficult OR data taken for a long period of time)	1	2	3	4	5	6	7	8		
Evidence of literary or experimental research.	1	2	3	4	5					
Observation of basic phenomena	1	2	3	4	5					
Experimented to collect sufficient data	1	2	3	4	5					
Analyzed data in a logical manner and drawn valid conclusions	1	2	3	4	5					
Used an adequate sample to make generalizations	1	2	3	4	5					
The presentation includes sources used.	1	2	3	4	5					
C. Clarity of Expression	(20 pts)									
Explains project and answers questions thoroughly	1	2	3	4	5					
Expresses him/herself well in written material and in oral presentation	1	2	3	4	5					
The physical display is complete with all required components	1	2	3	4	5					
The physical display is well presented. (Neat, no misspelled words)	1	2	3	4	5					
D. Originality and Creativity	(10 pts.)									
The problem or approach is developed in a significant or unique manner	1	2	3	4	5					
Evidence of initiative (unique uses of available materials; collections or kits can be creative if used to achieve, show, or prove a stated purpose)	1	2	3	4	5					

Comments: (continue on back of page, if necessary)