

Scoring Sheet for POW 1: Broken Eggs

	Max Score	Score
1. PROBLEM STATEMENT (10 pt)		
a. Restate the story or situation of the POW in your own words	4	
b. Restate the specific problem/task in your own words	2	
c. Explain why some people first think the answer is 49 eggs	2	
d. Explain why the answer cannot be 49 eggs	2	
2. PROCESS (18 pts)		
a. Describe your initial ideas concerning the problem/task, explain (2)	2	
b. Describe all the methods you tried before reaching your solution(s) (3)	4	
c. Describe the process that lead to your solution(s)	4	
d. Provide all diagrams and sketches	2	
e. Describe all materials used and their purpose	2	
f. Describe any problems you had, and how you solved them	2	
g. Describe all assistance provided and how it helped you	2	
3. SOLUTION (6 pts)		
a. State the solution(s) (2)	2	
b. Describe why your solution(s) is correct, include all supporting data	4	
4. EVALUATION (8pts)		
a. State the difficulty level of the problem (scale of 1-10), explain	2	
b. Describe your personal reaction/opinion to the problem	2	
c. Identify the best/worst parts of the problem	2	
d. Describe how the problem could have been made better for you	2	
5. SELF-ASSESSMENT (8 pts)		
a. Write a one paragraph summary of “what you learned from the problem”	4	
c. Grade and Justify your work using a self-assessment scoring rubric	4	
TOTAL SCORE	50	

COMMENTS: