

Scoring Sheet for POW 12: The Big Knight Switch

	Max Score	Score
1. PROBLEM STATEMENT (6 pts)		
a. Restate the situation of the POW in your own words	4	
b. Restate the “big questions” in your own words	2	
2. PROCESS (14 pts)		
a. Describe your initial ideas concerning the big questions, explain	2	
b. Describe all the methods you tried before reaching your solution(s)	4	
c. Provide all diagrams and sketches that show how you kept track of the various moves	2	
d. Describe all materials used and their purposes	2	
e. Describe any problems you had, and how you solved them	2	
f. Describe all assistance provided and how it helped you	2	
3. SOLUTION (10 pts)		
a. State the solution or description of why it is not possible	2	
b. Describe the process that lead to your solution(s)	4	
c. Describe why your solution is correct, include all supporting data and diagrams	4	
4. EXTENSIONS (4 pts)		
a. Create variations or extensions for the problem	4	
5. 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	
6. SELF-ASSESSMENT (8 pts)		
e. Write a one paragraph summary of “what you learned from the problem”	4	
f. Grade and Justify your work using a self-assessment scoring rubric	4	
TOTAL SCORE		50