



PBL Odyssey Student Portfolio Rubric

Student Name: _____ Date: _____

School: _____

1. MEET THE PROBLEM (SETTING SAIL)

	Avg:	0	6	7	8	9	10
• Several appropriate facts and needs are identified	0	6	7	8	9	10	
• The facts and needs are used to generate logical ideas/hypotheses	0	6	7	8	9	10	
• Several appropriate research questions and resources are identified	0	6	7	8	9	10	

2. INVESTIGATE & INQUIRE

(Summary Research Report & Revisiting the Problem)

	Avg:	0	6	7	8	9	10	(x3) =
• The research question to be investigated is clearly identified and stated	0	6	7	8	9	10		_____
• Procedures are appropriate, detailed and listed in clear steps (easy to repeat)	0	6	7	8	9	10		
• Clear, accurate diagrams/drawings/graphs/representations are included and make the procedures easier to understand	0	6	7	8	9	10		
• Findings and results clearly summarize what was learned through the investigation and are organized in a table, chart or graph	0	6	7	8	9	10		
• The conclusions are accurately summarized and are logical in light of the research	0	6	7	8	9	10		
• References are appropriately used and cited	0	6	7	8	9	10		
• The Summary Research Report illustrates an accurate and thorough understanding of underlying content/concepts	0	6	7	8	9	10		
• Adequate summary of the whole group investigation of the problem are present on the <i>Revisiting the Problem</i> sheet	0	6	7	8	9	10		
• Multiple perspectives are reflected on the <i>Revisiting the Problem</i> sheet	0	6	7	8	9	10		
• Ideas about the problem are logical and supported by evidence on the <i>Revisiting the Problem</i> sheet	0	6	7	8	9	10		

3. CONTROLLED INVESTIGATION PLANNING BOARD

	Avg:	0	6	7	8	9	10	(x2) =
• The question to be answered is clearly identified and stated	0	6	7	8	9	10		_____
• Procedures are listed in clear, sequential steps and all materials used are identified	0	6	7	8	9	10		
• Clear, accurate diagrams/drawings/graphs/representations are included and make the investigation easier to understand	0	6	7	8	9	10		
• All variables (test, outcome & controls) are accurately identified & described	0	6	7	8	9	10		
• The hypothesized relationship between the variables and the predicted results is reasonable	0	6	7	8	9	10		

		<i>Needs Improvement</i>	<i>Satisfactory</i>	<i>Good</i>	<i>Excellent</i>	<i>Exceptional</i>
3. CONTROLLED INVESTIGATION PLANNING BOARD <i>continued</i>						
• The experimental design is a well-constructed test of the stated hypotheses	0	6	7	8	9	10
• Findings and results clearly summarize what was learned through the investigation and are organized in a table, chart or graph	0	6	7	8	9	10
• The conclusions are accurately summarized and are logical in light of the research	0	6	7	8	9	10
• References are appropriately used and cited	0	6	7	8	9	10
• The report illustrates an accurate and thorough understanding of underlying scientific concepts	0	6	7	8	9	10
4. BUILD SOLUTIONS (<i>Solution Building Matrix</i>)	Avg: 0	6	7	8	9	10
• Several feasible solutions are identified	0	6	7	8	9	10
• A logical analysis of the pros and cons for each solution is offered	0	6	7	8	9	10
• An appropriate “best-fit” solution is offered and justified	0	6	7	8	9	10
5. TAKE ACTION (<i>Planning for Action</i>)	Avg: 0	6	7	8	9	10
• The proposed action to be taken is clearly summarized and appropriate	0	6	7	8	9	10
• The action steps are clearly defined and comprehensive	0	6	7	8	9	10
• Equitable distribution of tasks is demonstrated	0	6	7	8	9	10
• Deadlines are reasonable	0	6	7	8	9	10
7. TRAVEL JOURNAL	Avg: 0	6	7	8	9	10
• Demonstrates personal growth and a deepened understanding of the problem	0	6	7	8	9	10
• Demonstrates awareness of appropriate career opportunities associated with the problem	0	6	7	8	9	10
• Further investigation ideas are offered and are logical extensions	0	6	7	8	9	10
• Clear examples of how the investigation changed previous perceptions about the problem are provided	0	6	7	8	9	10
8. MECHANICS	Avg: 0	6	7	8	9	10
• Neatness	0	6	7	8	9	10
• Organization	0	6	7	8	9	10
• Writing style	0	6	7	8	9	10
• Grammar and Spelling	0	6	7	8	9	10

Portfolio Comments:

Total _____ / 100 points