

## SCORING GUIDE FOR “THE PIT AND PENDULUM” PORTFOLIO

<b>1. Cover Letter Introduction (28 pts)</b>	<b>Max Score</b>	<b>Score</b>
a. Identify and describe the unit’s central problem	<b>4</b>	
b. Describe how you came up with a solution for the central problem	<b>6</b>	
c. Describe 2 or 3 key ideas or concepts addressed in this unit and what you’ve learned about them	<b>6</b>	
d. Describe how the key ideas/concepts help you to solve the unit problem	<b>6</b>	
e. Describe problems in which it would be useful to know each key idea or concept listed above	<b>6</b>	
<b>2. Explanation for Selected Papers (20 pts)</b>		
a. Describe how your selected paper helped you understand one key idea or concept and solve the unit problem (HW 27)	<b>4</b>	
b. Describe how your selected paper helped you understand a second key idea or concept and solve the unit problem(HW 27)	<b>4</b>	
c. Describe how your selected paper paper helped you understand a third key idea or concept and solve the unit problem(HW 27)	<b>4</b>	
d. Describe why you selected a POW to include in your portfolio	<b>4</b>	
e. Describe other quality work that represents your “best efforts”	<b>4</b>	
<b>3. SELECTED PAPERS FROM THE OVERLAND TRAIL (24 pts)</b>		
a. Homework #27: Beginning Portfolios	<b>4</b>	
b. Homework#26: Mathematics and Science	<b>4</b>	
c. Homework #24: Graphing Summary	<b>4</b>	
d. Selected papers that helped you understand three key ideas or concepts and how they helped you solve the unit problem	<b>4</b>	
e. A selected POW from the unit	<b>4</b>	
f. Selected papers for “Other Quality Work”	<b>4</b>	
<b>4. OTHER THOUGHTS DISCUSSION ( 16 pts)</b>		
a. Describe how you liked doing science experiments in a mathematics class	<b>4</b>	
b. Describe the ideas or concepts you learned about in this unit but could like to better understand	<b>4</b>	
c. Describe how you felt about grading yourself and others on group work	<b>4</b>	
d. Describe any other thoughts you might like to share about the unit	<b>4</b>	
<b>SELF-ASSESSMENT OF PORTFOLIO (4 pts)</b>		
a. Grade and Justify your work using a self-assessment scoring rubric	<b>4</b>	
<b>TOTAL SCORE</b>	<b>100</b>	