

PCS125 -Sound Waves and Beats - Report Rubric		
Presentation		
Report is neatly written, well organized	/	3
well formatted, includes identifiable information		
Introduction		
Main goals of experiment stated	/	1.0
Explain what observations will be taken	/	1.0
Theory		
Theory explained showing comprehension		1.0
Primary equation stated or derived (when applicable)		1.0
Procedure		
Apparatus and details outlined (either here or dedicated section)	/	1.0
Experimental procedure can be followed/repeated	/	1.0
Data		
Part I		
Period of single tuning fork recorded (w/units)	/	0.5
Uncertainty in period recorded	/	0.5
Amplitude of wave recorded	/	0.5
Uncertainty in amplitude recorded	/	0.5
Part II		
Description of beats recorded	/	1.0
Beat Period measured	/	1.0
Uncertainty in beat period recorded	/	1.0
Data included in appendix	/	1.0
Analysis		
Curve fit to data from part I, Parameters A, B, C, D recorded	/	2.0
Envelope of beat waveform fit with sine curve Parameters A, B, C, D recorded	/	2.0
Discussion of curve fits and the significance of parameters included	/	2.0
Discussion and Conclusion		
Summary of results discussed and conclusions drawn	/	2.0
Wrap Up questions		
#1	/	1.0
#2	/	1.0
#3 unknown tuning forks determined correctly	/	2.0
#4	/	1.0
#5	/	1.0
Total	/	29.0