

Physics Laboratory Write-up Checklist

Experiment _____ Period ____ Group ____

Partners _____

Format (2 points)	<ol style="list-style-type: none"> 1. Group names, title, written on one side only 2. Each section clearly labeled, neat & organized 	_____ _____
Purpose (1 point)	<ol style="list-style-type: none"> 1. Independent and dependent variables are clearly identified 	_____
Apparatus & Procedure (3 points)	<ol style="list-style-type: none"> 1. Diagram drawn with all components labeled 2. Clear and brief sequence of steps 3. Control of variables 	_____ _____ _____
Raw Data (4 points)	<ol style="list-style-type: none"> 1. Measurements organized into a neat table 2. Values are clearly labeled 3. Multiple trials 4. Quality/range 	_____ _____ _____ _____
Evaluation of Data (7 points)	<ol style="list-style-type: none"> 1. Table of generate values and sample calculations 2. Graphs <ol style="list-style-type: none"> a. variables on appropriate axes (use of units) 3. Interpretation of graphs <ol style="list-style-type: none"> a. statement of graphical relationships b. mathematical representation (derivation of equation, units on slope and b-value) 	_____ _____ _____ _____ _____ _____
Conclusion (8 points)	<ol style="list-style-type: none"> 1. Written explanation (English sentences) of relationships (must address purpose) 2. Meaning of slope, significance of y-intercept 	_____ _____ _____ _____

Maximum Score = 25 points

Your Score _____