AP Physics 1 L	ab Handout 02	"Displacement	on the Velocit	ty - Time Graph"
Your Name: Lab Partner(s)		-		1
		splacement equa Locity - time g		nder
Laptop w/	of string Logger Pro tion probe clamps	Lab Pro inte linear motio mass hanger 4 popsicle s	on track	AC adapter large C clamp dynamics cart
Procedure: 1.				
experiment. I read this sect	t should be de ion and do exa	er exactly wha etailed enough actly what you to guess what	that any scied did during the	entist could
Results:				
Observations:				
Data:		T	T	1,00
Xi	Χf	Δx	Integral	% difference
Diagram:				
				<u> </u>

Error Analysis:

- Surely something may have gone wrong during the experiment that may or may not have been preventable. This is the section where you mention all of these factors.
- Think about: Personal error, equipment failure, poor directions, carelessness, calculation errors... There are many sources for error and it is very important that you convey this to the reader of your report so that he/she can try to prevent these errors in the future.

Conclusion:

This is the part of the lab report where you reflect on what you did in the experiment and what you have learned. If the lab/experiment relates to something that we did in class, then make sure to talk about how it may (or may not) be relevant to what we have learned.

- What basic principles in physics did this lab demonstrate?
- What did you learn?
- How could it have been made better?