

TPS Lab Sheet Checklist

Points	Points Earned	
		Name of Lab
		Name of the lab is provided
		Problem
		Problem is stated as a question
		The problem contains what data will be collected
		Question cannot be answered with a yes/no
		Hypothesis
		Hypothesis written as an "If...then..." statement
		Hypothesis includes both the independent (IV) and dependent (DV) variable
		Both the IV and DV are quantitative
		The Independent variable is:
		The IV is correctly identified
		The Dependent variable is:
		The DV is correctly identified
		Data Table
		All data is completed and placed in the appropriate areas of the data table
		All data has units
		IV and DV are labeled in the appropriate areas of the data table
		Similar/Past Experiments
		Constructed response is provided
		Data Conclusion Inferencng
		Range of Averages provided
		Outliers in Trials provided
		Graph
		Appropriate type of graph used
		Graph has title with IV and DV included
		Graph is labeled with IV on the x-axis and the DV on the y-axis
		Labels contain units (i.e. gram, liter, meter, etc.)
		Appropriate scale used/evenly spaced intervals on both axes
		Control group
		Correct control group is provided
		Conclusion
		Constructed response is provided
		Hypothesis is re-stated in conclusion
		Two pieces of evidence (data) to support/not support the hypothesis is provided
		Possible future investigations
		At least two possible future investigations are provided