

Aim

Write an aim that is a single sentence long. The aim must inform the reader of the purpose of the investigation.

Planning

Set up the equipment and do a quick preliminary experiment so that you can better understand the physics ideas, the variables, and experimental limitations.

Write a brief discussion of any issues that arose during this preliminary experiment

Make a prediction of what you expect to happen based on an understanding of relevant physics ideas

Methods

Independent Variable	Dependent Variable	Control Variable
Identified and given at least 5 different values; range acceptable; unit given	Identified; values measured; unit given; acceptable accuracy	Required variable controlled
Upper/Lower value of range justified		Controlled variable value justified

Describe how it will be changed

Describe Sources of error. How to improve

Describe any difficulties encountered when measuring this variable and how these difficulties will be overcome

