



CHC
CHRISTIAN HERITAGE COLLEGE

Downhill motion...

Name: _____

Date: _____

Teacher: Mr Schmuck

Year: Year 10



Task:

You are required to research, design and perform an investigation to answer the following question: how does the slope of an incline affect the speed of an object moving freely down it?

Supplies:

- Toy car
- Piece of wood
- Common laboratory equipment

Conditions:

This investigative report will be completed outside class time. It will need to be completed by week 8. The detailed investigative report will be submitted via Turnitin.

The investigative report will follow the outline below:

- Introduction
 - Research question
 - Aim
 - Research and background information
- Hypothesis
- Orientation of overall design
- Equipment
- Methodology
- Discussion and interpretation of Data
- Conclusion