



Curriculum links

Year 9 Health & Physical Education

Analyse the impact of effort, space, time, objects and people when composing and performing movement sequences (VCHPEM156)

Year 9 Science

The description and explanation of the motion of objects involves the interaction of forces and the exchange of energy and can be described and predicted using the laws of physics (VCSSU133)

Learning intention and success criteria

Learning intention

- To learn about Newton's laws and explore how they are applied to different sports

Success criteria

- Define Newton's three laws of motion.
- Apply Newton's laws to different sporting examples.
- Research Sir Isaac Newton's history.

Instructions to teachers

These tasks are designed to increase and apply knowledge of forces and Newton's laws, and their effects on sports and its participants.

The worksheet that students complete is a word document that has been designed using the developer function. This means that students can save the document to their device and are able to modify certain sections to record their answers. Although students are able to quickly adapt to this format, it is recommended that you briefly familiarise yourself with the document before you distribute it to students.

Instructions for students

1. Complete the Newton's laws table.
2. Identify Newton's Laws in the sporting examples.
3. Learn about Sir Isaac Newton.
4. Complete the experiment activity.
5. Save and submit completed document to teacher.