

Main subject:

PE

Linked subjects:

1. Resistant materials 2.

Year

8/9

Long Jump

The aim of this extension task is to:

To analyse the effects of prosthetics in long jump

Why Not?
It's just for fun!

Context of task:

(Include a link to a real world situation where possible.)

There has been a huge development in prosthetics within sport with Paralympic athletes being more successful. Some Paralympic athletes in the past have been good enough to compete in mainstream competitions, do you think this should be allowed or is there a clear advantage to those athletics with prosthetics?

Questions / Issues to address:

1. Should successful Paralympic athletes be allowed to compete with able bodied athletes?
2. What are the benefits of prosthetics in sport?
3. What are the differences in mechanical properties between a prophetic leg and a normal leg?

Etc.....



Expectation

Students could be offered a choice of ways to respond.

E.g. 2 sides A4 / power point / video/ tape recording .

Deadline:

End of Half Term

Note to students:

It is not essential, but you are encouraged to extend this task into an area of your own particular interest . If you would like to do so, please discuss your ideas with your teacher.