

Energy Transformations

11SCI - Mechanics

Finn LeSueur

2019

Starter

Read page 55 and 56 of your sciPAD to remind yourself of some types of energy and how it is transformed between different types.

Then answer **Question 1 on page 59**.

In Physics we live in an idealised world where friction does not exist and energy is transformed with 100% efficiency.

This means that 100% of elastic potential energy is converted into kinetic energy, in the case of the rubber band.

It means that 100% of gravitational potential energy is converted into kinetic energy in the case of a sky diver.