

Changing energy

This task is about the transformation of energy from one form to another.

a) Energy can be changed from one form to another.

Name an object or situation that can make each of the following changes possible (the first one is done for you):

i) Heat to kinetic: Steam engine

ii) Electrical to light:

iii) Chemical potential to heat:

iv) Kinetic to sound:

v) Gravitational potential to kinetic:

b) What is the main energy transformation happening in each of these objects?

i) Car engine: from to

ii) Hair dryer: to

iii) Burglar alarm: to

iv) Escalator: to

Published on *Assessment Resource Banks* (<https://arbs.nzcer.org.nz>)