

Energy

2. Energy transfers

CONCEPT 1

ENERGY STORES AND TRANSFERS

NOTES

Energy is the potential for something to do work (in the same way that money in the bank tells us our potential to spend). Energy can only exist in a store (like money in a bank account) and can be transferred into another store via a pathway.

There are 8 main **energy stores**: electrostatic, **kinetic**, **elastic**, **gravitational**, magnetic, nuclear, **chemical** and **thermal**.

There are 4 energy pathways: heating, mechanical, flow of electricity and radiation (light and sound).