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[Energy - types, sources, uses](#)

[Thermal energy: conduction, convection, radiation, specific heat](#)

[Electricity and magnetism](#)

[States of matter: properties of gases, liquids, solids](#)

[Waves: electromagnetic radiation, optics, sound, astronomy, stars](#)

[Atomic structure and radioactivity - nuclear physics](#)

[Forces: types, examples, calculations](#)

[Motion: Newton's Laws, associated forces, applications, calculations](#)