



Year 10 2015 – 2016

AQA GCSE Core Physics

Convection, conduction & radiation	P1.1 Infrared radiation and surfaces P1.3 Conduction PT10P1 <u>September</u> P1.5 Evaporation and condensation P1.6 Energy transfer by heating	P1.2 Solids, liquids, and gases P1.4 Convection P1.7 Evaluating energy transfers
	Transfer of energy by heating assessment	

Energy transfer	P1.8 Heating and insulating buildings P1.10 Specific heat capacity P1.12 Understanding energy	P1.9 Solar panels and payback time PT10P2 P1.11 Uses of specific heat capacity P1.13 Useful energy and energy efficiency PT10P3
	Energy & efficiency assessment	

Generating electricity	P1.14 Using electricity P1.16 Generating electricity P1.18 Nuclear power P1.20 Solar and wind power	P1.15 Paying for electricity PT10P4 P1.17 Fossil fuels and carbon capture P1.19 Biomass and biofuels
	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> <i>February ISA – Wind Turbines</i> </div>	
	P1.21 Energy from water PT10P5 P1.22 The National Grid	P1.23 Matching supply and demand PT10P6
Methods of generating electricity assessment		

Waves	P1.24 Waves all around us P1.26 Experiments with waves P1.28 Communications and optics P1.30 The Doppler effect P1.32 The Big Bang theory PT10P8	P1.25 Transverse and longitudinal waves P1.27 The electromagnetic spectrum PT10P7 P1.29 Sound waves P1.31 Red-shift
	Waves assessment	