



STUDY GUIDE

Year 9 Science

Energy Transfer

Chapter 8

Assessment

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End of Chapter Test

Chapter	Content Description	Elaborations
Energy Transfer Chapter 8 (5 weeks)	Energy transfer through different mediums can be explained using wave and particle models (ACSSU182)	<ul style="list-style-type: none">★ Explore how and why the movement of energy varies according to the medium through which it is transferred.★ Discuss the wave and particle models and how they are useful for understanding aspects of phenomena.★ Investigate the transfer of heat in terms of convection, conduction and radiation, and identifying situations in which each occurs.★ Understand the processes underlying convection and conduction in terms of the particle model.★ Investigate factors that affect the transfer of energy through an electric circuit.★ Explore the properties of waves, and situations where energy is transferred in the form of waves, such as sound and light.