



STUDY GUIDE

Year 10 Science

Energy Conservation

Chapter 8

Assessment

Task page 185

End of Chapter Test

Chapter	Content Description	Elaborations
Energy Conservation Chapter 8 (5 weeks)	Energy conservation in a system can be explained by describe energy transfers and transformations (ACSSU190)	<ul style="list-style-type: none">★ Recognise that the Law of Conservation of Energy explains that total energy is maintained in energy transfer and transformation.★ Recognise that in energy transfer and transformation, a variety of processes can occur, so that the usable energy is reduced and the system is not 100% efficient.★ Compare energy changes in interactions such as car crashes, pendulums, lifting and dropping.★ Use models to describe how energy is transferred and transformed within systems.