

## Science Grade Descriptors

AO	W	1	2	3	4/4+
1	State that energy is stored in food and fuel	Name the energy type that is stored in food and fuel	Name a renewable and non-renewable energy resource	Explain the difference between renewable and non-renewable resources	State energy may be wasted and/or dissipated
2	List some energy resources	Know that some resources are fuels	State how coal, oil and gas were formed	Know there is a difference between coal and oil formation	Be able to state an impact of using fossil fuels
3	Know almost all energy on Earth comes from the Sun	Name different energy stores	State ways that energy is transferred from 1 store to another	Describe an example of an energy transfer	Give factors that affect the energy being transferred
Mathematical Skills	Identify the unit of energy	Identify the units of energy, power and time	Convert units correctly	State the equation $\text{power} = \text{energy}/\text{time}$	Be able to rearrange $\text{Power} = \text{energy}/\text{time}$ or be able to rearrange an equation correctly