

Curriculum Links

Links with the Australian Curriculum V9.0

Unit	Curriculum Alignment
Physics	<u>Year 3</u> — AC9S3U03 identify sources of heat energy and examine how temperature changes when heat energy is transferred from one object to another <u>Year 4</u> — AC9S4U03 identify how forces can be exerted by one object on another and investigate the effect of frictional, gravitational and magnetic forces on the motion of objects <u>Year 5</u> — AC9S5U03 identify sources of light, recognise that light travels in a straight path and describe how shadows are formed and light can be reflected and refracted <u>Year 6</u> — AC9S6U03 investigate the transfer and transformation of energy in electrical circuits, including the role of circuit components, insulators and conductors
Chemistry	<u>Year 3</u> — AC9S3U04 investigate the observable properties of solids and liquids and how adding or removing heat energy leads to a change of state <u>Year 4</u> — AC9S4U04 examine the properties of natural and made materials including fibres, metals, glass and plastics and consider how these properties influence their use <u>Year 5</u> — AC9S5U04 explain observable properties of solids, liquids and gases by modelling the motion and arrangement of particles <u>Year 6</u> — AC9S6U04 compare reversible changes, including dissolving and changes of state, and irreversible changes, including cooking and rusting that produce new substances

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Biology	<u>Year 3</u> — AC9S3U01 compare characteristics of living and non-living things and examine the differences between the life cycles of plants and animals <u>Year 4</u> — AC9S4U01 explain the roles and interactions of consumers, producers and decomposers within a habitat and how food chains represent feeding relationships <u>Year 5</u> — AC9S5U01 examine how particular structural features and behaviours of living things enable their survival in specific habitats <u>Year 6</u> — AC9S6U01 investigate the physical conditions of a habitat and analyse how the growth and survival of living things is affected by changing physical conditions
Earth and Space	<u>Year 3</u> — AC9S3U02 compare the observable properties of soils, rocks and minerals and investigate why they are important Earth resources <u>Year 4</u> — AC9S4U02 identify sources of water and describe key processes in the water cycle, including movement of water through the sky, landscape and ocean; precipitation; evaporation; and condensation <u>Year 5</u> — AC9S5U02 describe how weathering, erosion, transportation and deposition cause slow or rapid change to Earth's surface <u>Year 6</u> — AC9S6U02 describe the movement of Earth and other planets relative to the sun and model how Earth's tilt, rotation on its axis and revolution around the sun relate to cyclic observable phenomena, including variable day and night length