

PRIMARY CONNECTIONS UNIT UPDATE 2012 + ALIGNMENT TO

AUSTRALIAN CURRICULUM:
SCIENCE UNDERSTANDING

CURRICULUM FOCUS: Awareness of self
and the local world

CURRICULUM FOCUS: Recognising questions that can be
investigated scientifically, and investigating them

YEAR	BIOLOGICAL SCIENCES	CHEMICAL SCIENCES	EARTH & SPACE SCIENCES	PHYSICAL SCIENCES
F (EARLY STAGE 1)	STAYING ALIVE (ACSU002) This unit is currently aligned. A new version with the links to ACARA codes will be released in Term 2.	WHAT'S IT MADE OF? (ACSU003) This unit is currently aligned. A new version with the links to ACARA codes will be released in Term 3.	WEATHER IN MY WORLD (ACSU004) ALTERNATE VERSION with minor changes will be released in Term 3.	ON THE MOVE (ACSU005) ALTERNATE VERSION with minor changes will be released in Term 3.
1 (STAGE 1)	SCHOOLYARD SAFARI (ACSU017/211) ALTERNATE VERSION with minor changes will be released in Term 3.	SPOT THE DIFFERENCE (ACSU018) This unit is currently aligned. A new version with the links to ACARA codes will be released in Term 2.	UP, DOWN AND ALL AROUND (ACSU019) OUT NOW Aligned to the Australian Curriculum.	SOUNDS SENSATIONAL (ACSU020) ALTERNATE VERSION with significant changes will be released in Term 3.
2 (STAGE 1)	WATCH IT GROW! (ACSU030) OUT NOW Aligned to the Australian Curriculum.	ALL MIXED UP (ACSU031) OUT NOW Aligned to the Australian Curriculum.	WATER WORKS (ACSU032) This unit is currently aligned. A new version with the links to ACARA codes will be released in Term 3.	PUSH-PULL (ACSU033) ALTERNATE VERSION with minor changes will be released in Term 3.
3 (STAGE 2)	FEATHERS, FUR OR LEAVES? (ACSU044) OUT NOW Aligned to the Australian Curriculum.	MELTING MOMENTS (ACSU046) OUT NOW Aligned to the Australian Curriculum.	SPINNING IN SPACE (ACSU048) ALTERNATE VERSION with significant changes will be released in Term 3.	HEATING UP (ACSU049) NEW Aligned to the Australian Curriculum will be released in Term 3.
4 (STAGE 2)	PLANTS IN ACTION (ACSU072/073) This unit is currently aligned. A new version with the links to ACARA codes will be released in Term 3.	MATERIAL WORLD (ACSU074) ALTERNATE VERSION with minor changes will be released in Term 3. PACKAGE IT BETTER ALTERNATE VERSION with minor changes will be released in Term 3.	BENEATH OUR FEET (ACSU075) OUT NOW Aligned to the Australian Curriculum.	SMOOTH MOVES (ACSU076) This unit is currently aligned. A new version with the links to ACARA codes will be released in Term 2.
5 (STAGE 3)	DESERT SURVIVORS (ACSU043) NEW Aligned to the Australian Curriculum will be released in Term 3.	SOLIDS, LIQUIDS AND GASES (ACSU077) NEW Aligned to the Australian Curriculum will be released 2012.	EARTH'S PLACE IN SPACE (ACSU078) OUT NOW Aligned to the Australian Curriculum.	LIGHT FANTASTIC (ACSU080) ALTERNATE VERSION with significant changes will be released in Term 3.
6 (STAGE 3)	MARVELLOUS MICRO-ORGANISMS (ACSU094) This unit is currently aligned. A new version with the links to ACARA codes will be released in Term 3.	CHANGE DETECTIVES (ACSU095) This unit is currently aligned. A new version with the links to ACARA codes will be released in Term 3.	EARTHQUAKE EXPLORERS (ACSU096) This unit is currently aligned. A new version with the links to ACARA codes will be released in Term 2.	IT'S ELECTRIFYING (ACSU097) This unit is currently aligned. A new version with the links to ACARA codes will be released in Term 3. ESSENTIAL ENERGY (ACSU219) OUT NOW Aligned to the Australian Curriculum.

CURRICULUM FOCUS: Awareness of self and the local world

CURRICULUM FOCUS: Recognising questions that can be investigated scientifically, and investigating them

YEAR	BIOLOGICAL SCIENCES	CHEMICAL SCIENCES	EARTH & SPACE SCIENCES	PHYSICAL SCIENCES
F (EARLY STAGE 1)	STAYING ALIVE (ACSU002) SU: Living things have basic needs, including food and water	WHAT'S IT MADE OF? (ACSU003) SU: Objects are made of materials that have observable properties	WEATHER IN MY WORLD (ACSU004) SU: Daily and seasonal changes in our environment, including the weather, affect everyday life	ON THE MOVE (ACSU005) SU: The way objects move depends on a variety of factors, including their size and shape
1 (STAGE 1)	SCHOOLYARD SAFARI (ACSU017/211) SU: Living things have a variety of external features SU: Living things live in different places where their needs are met	SPOT THE DIFFERENCE (ACSU018) SU: Everyday materials can be physically changed in a variety of ways	UP, DOWN AND ALL AROUND (ACSU019) SU: Observable changes occur in the sky and landscape	SOUNDS SENSATIONAL (ACSU020) SU: Light and sound are produced by a range of sources and can be sensed
2 (STAGE 1)	WATCH IT GROW! (ACSU030) SU: Living things grow, change and have offspring similar to themselves	ALL MIXED UP (ACSU031) SU: Different materials can be combined, including by mixing, for a particular purpose	WATER WORKS (ACSU032) SU: Earth's resources, including water, are used in a variety of ways	PUSH-PULL (ACSU033) SU: A push or a pull affects how an object moves or changes shape
3 (STAGE 2)	FEATHERS, FUR OR LEAVES? (ACSU044) SU: Living things can be grouped on the basis of observable features and can be distinguished from non-living things	MELTING MOMENTS (ACSU046) SU: A change of state between solid and liquid can be caused by adding or removing heat	SPINNING IN SPACE (ACSU048) SU: Earth's rotation on its axis causes regular changes, including night and day	HEATING UP (ACSU049) SU: Heat can be produced in many ways and can move from one object to another
4 (STAGE 2)	PLANTS IN ACTION (ACSU072/073) SU: Living things have life cycles SU: Living things, including plants and animals, depend on each other and the environment to survive	MATERIAL WORLD/ PACKAGE IT BETTER (ACSU074) SU: Natural and processed materials have a range of physical properties; these properties can influence their use	BENEATH OUR FEET (ACSU075) SU: Earth's surface changes over time as a result of natural processes and human activity	SMOOTH MOVES (ACSU076) SU: Forces can be exerted by one object on another through direct contact or from a distance
5 (STAGE 3)	DESERT SURVIVORS (ACSU043) SU: Living things have structural features and adaptations that help them to survive in their environment	SOLIDS, LIQUIDS & GASES (ACSU077) SU: Solids, liquids and gases have different observable properties and behave in different ways	EARTH'S PLACE IN SPACE (ACSU078) SU: The Earth is part of a system of planets orbiting around a star (the sun)	LIGHT FANTASTIC (ACSU080) SU: Light from a source forms shadows and can be absorbed, reflected and refracted
6 (STAGE 3)	MARVELLOUS MICRO-ORGANISMS (ACSU094) SU: The growth and survival of living things are affected by the physical conditions of their environment	CHANGE DETECTIVES (ACSU095) SU: Changes to materials can be reversible, such as melting, freezing, evaporating; or irreversible, such as burning and rusting	EARTHQUAKE EXPLORERS (ACSU096) SU: Sudden geological changes or extreme weather conditions can affect Earth's surface	IT'S ELECTRIFYING (ACSU097) SU: Electrical circuits provide a means of transferring and transforming electricity ESSENTIAL ENERGY (ACSU219) SU: Energy from a variety of sources can be used to generate electricity