BUILDING BLOCKS OF SCIENCE - Plants & Animals - Australian Curriculum Correlations

Science (based on the Australian Curriculum v6.0 Science)

YEAR/ LEVEL	SCIENCE UNDERSTANDING	SCIENCE CURRICULUM CONTENT DESCRIPTION	Science CORRELATIONS "Building Blocks of Science - Plants & Animals"
Foundation Year	Biological sciences sub-strand	Living things have basic needs, including food and water (ACSSU002)	• Animal Behaviour • Animal Life Cycles • Plant Life Cycles
	Earth and space sciences	Daily and seasonal changes in our environment, including the weather, affect everyday life (ACSSU004)	• Plant and Animal Adaptations
Year 1	Biological sciences sub-strand	Living things have a variety of external features (ACSSU017)	• Animal Structure and Classification • Plant Structure and Classification
Year 2	Biological sciences sub-strand	Living things grow, change and have offspring similar to themselves (ACSSU030)	• Animal Life Cycles • Plant Life Cycles • Traits and Heredity
Year 3	Biological sciences sub-strand	Living things can be grouped on the basis of observable features and can be distinguished from non-living things (ACSSU044)	• Animal Structure and Classification • Plant Structure and Classification
Year 4	Biological sciences sub-strand	Living things have life cycles (ACSSU072) - comparing life cycles of animals and plants Living things, including plants and animals, depend on each other and the environment to survive (ACSSU073)	• Animal Life Cycles • Plant Life Cycles
Year 5	Biological sciences sub-strand	Living things have structural features and adaptations that help them to survive in their environment (ACSSU043)	• Plant and Animal Adaptations • Animal Behaviour • Animal Structure and Classification • Plant Structure and Classification • Traits and Heredity
Year 6	Biological sciences sub-strand	The growth and survival of living things are affected by the physical conditions of their environment (ACSSU094)	

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Year 7	Biological sciences sub-strand	There are differences within and between groups of organisms; classification helps organise this diversity (ACSSU111) Interactions between organisms can be described in terms of food chains and food webs; human activity can affect these interactions (ACSSU112)	• Animal Structure and Classification • Plant Structure and Classification • Traits and Heredity • Animal Life Cycles • Plant Life Cycles • Plant and Animal Adaptations • Animal Behaviour
Year 8	Biological sciences sub-strand	Cells are the basic units of living things and have specialised structures and functions (ACSSU149) Multi-cellular organisms contain systems of organs that carry out specialised functions that enable them to survive and reproduce (ACSSU150)	• The Cell Cycle • Traits and Heredity • Animal Structure and Classification • Plant Structure and Classification • Plant and Animal Adaptations
Year 9	Biological sciences sub-strand	Multi-cellular organisms rely on coordinated and interdependent internal systems to respond to changes to their environment (ACSSU175) Ecosystems consist of communities of interdependent organisms and abiotic components of the environment; matter and energy flow through these systems (ACSSU176)	• The Cell Cycle • Animal Structure and Classification • Plant Structure and Classification • Animal Life Cycles • Plant Life Cycles • Plant and Animal Adaptations • Animal Behaviour • Traits and Heredity

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Year 10	Biological sciences sub-strand	The transmission of heritable characteristics from one generation to the next involves DNA and genes (ACSSU184) The theory of evolution by natural selection explains the diversity of living things and is supported by a range of scientific evidence (ACSSU185)	• Traits and Heredity • Animal Life Cycles • Plant Life Cycles • Plant and Animal Adaptations • Animal Behaviour