



## BUILDING BLOCKS OF LIFE SCIENCE - Australian Curriculum Correlations - Science

(based on the Australian Curriculum v5.0 Science)

<b>YEAR/ LEVEL</b>	<b>SCIENCE UNDERSTANDING</b>	<b>SCIENCE CURRICULUM CONTENT DESCRIPTION</b>	<b>Science CORRELATIONS “Building Blocks of Life Science”</b>
<b>Foundation Year</b>	Biological sciences sub-strand	Living things have basic needs, including food and water (ACSSU002)	<ul style="list-style-type: none"> <li>• The Digestive and Urinary Systems</li> <li>• The Respiratory System</li> </ul>
<b>Year 1</b>	Biological sciences sub-strand	Living things have a variety of external features (ACSSU017)	<ul style="list-style-type: none"> <li>• The Skeletal and Muscular Systems</li> </ul>
<b>Year 2</b>	Biological sciences sub-strand	Living things grow, change and have offspring similar to themselves (ACSSU030)	<ul style="list-style-type: none"> <li>• The Endocrine and Reproductive Systems</li> <li>• The Skeletal and Muscular Systems</li> </ul>
<b>Year 3</b>	Biological sciences sub-strand	Living things can be grouped on the basis of observable features and can be distinguished from non-living things (ACSSU044)	<ul style="list-style-type: none"> <li>• Cells to Organ Systems</li> <li>• The Circulatory System</li> <li>• The Digestive and Urinary Systems</li> <li>• The Endocrine and Reproductive Systems</li> <li>• The Nervous System</li> <li>• The Respiratory System</li> <li>• The Skeletal and Muscular Systems</li> </ul>
<b>Year 4</b>	Biological sciences sub-strand	Living things, including plants and animals, depend on each other and the environment to survive (ACSSU073)	<ul style="list-style-type: none"> <li>• Fighting Sickness</li> </ul>
<b>Year 5</b>	Biological sciences sub-strand	Living things have structural features and adaptations that help them to survive in their environment (ACSSU043)	<ul style="list-style-type: none"> <li>• Cells to Organ Systems</li> <li>• The Circulatory System</li> <li>• The Digestive and Urinary Systems</li> <li>• The Endocrine and Reproductive Systems</li> <li>• Fighting Sickness</li> <li>• The Nervous System</li> <li>• The Respiratory System</li> <li>• The Skeletal and Muscular Systems</li> </ul>
<b>Year 6</b>	Biological sciences sub-strand	The growth and survival of living things are affected by the physical conditions of their environment (ACSSU094)	<ul style="list-style-type: none"> <li>• Cells to Organ Systems</li> <li>• The Circulatory System</li> <li>• The Digestive and Urinary Systems</li> <li>• The Endocrine and Reproductive Systems</li> <li>• Fighting Sickness</li> <li>• The Nervous System</li> <li>• The Respiratory System</li> <li>• The Skeletal and Muscular Systems</li> </ul>



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Year 7	Biological sciences sub-strand	<p>There are differences within and between groups of organisms; classification helps organise this diversity (ACSSU111)</p> <p>Interactions between organisms can be described in terms of food chains and food webs; human activity can affect these interactions (ACSSU112)</p>	<ul style="list-style-type: none"><li>• The Skeletal and Muscular Systems</li><li>• The Digestive and Urinary Systems</li></ul>
Year 8	Biological sciences sub-strand	<p>Cells are the basic units of living things and have specialised structures and functions (ACSSU149)</p> <p>Multi-cellular organisms contain systems of organs that carry out specialised functions that enable them to survive and reproduce (ACSSU150)</p>	<ul style="list-style-type: none"><li>• Cells to Organ Systems</li><li>• The Circulatory System</li><li>• The Digestive and Urinary Systems</li><li>• The Endocrine and Reproductive Systems</li><li>• The Nervous System</li><li>• The Respiratory System</li><li>• The Skeletal and Muscular Systems</li></ul>
Year 9	Biological sciences sub-strand	<p>Multi-cellular organisms rely on coordinated and interdependent internal systems to respond to changes to their environment (ACSSU175)</p>	<ul style="list-style-type: none"><li>• Cells to Organ Systems</li><li>• The Circulatory System</li><li>• The Digestive and Urinary Systems</li><li>• The Endocrine and Reproductive Systems</li><li>• Fighting Sickness</li><li>• The Nervous System</li><li>• The Respiratory System</li><li>• The Skeletal and Muscular Systems</li></ul>