

OVERVIEW BIOLOGY YEAR 5

Unit title and teaching hours	Key Concept	Related concepts	Global Context	Statement of inquiry	Objectives	ATL Skills	Brief description of content
<p>How is life organized</p> <p>22</p>	Relationships	patterns function	Identities and relationships	We share patterns and functions with all living things on Earth, consequently we are all related.	A, B, D	<p>Communication skills:</p> <p>Read critically and for comprehension</p> <p>Social skills:</p> <p>Exercise leadership and take on a variety of roles within groups</p> <p>Self-management:</p> <p>Perseverance:</p> <p>Demonstrate persistence and perseverance</p> <p>Use memory techniques to develop long-term memory</p> <p>Research:</p> <p>Locate, organize, analyse, evaluate, synthesize and ethically use information from a variety of sources and media (including digital social media and online networks)</p> <p>Thinking:</p>	<p>cell theory, cell structure structure and function, organelles living vs non-living – characteristics of life tissues, organs and organ systems hierarchy of living things classification chemical processes supporting life cellular respiration and photosynthesis</p>



						Evaluate evidence and arguments	
Health and lifestyle 22	Systems	consequences function	Orientation in space and time	Each component of a system must work at the right time and space in order for living organisms to function well.	A ,B, C	<p>Communication skills:</p> <p>Find information for disciplinary and interdisciplinary inquiries, using a variety of media</p> <p>Social skills:</p> <p>Practice empathy</p> <p>Self-management:</p> <p>Develop new skills, techniques and strategies for effective learning</p> <p>Research:</p> <p>Evaluate and select information sources and digital tools based on their appropriateness to specific tasks</p> <p>Thinking:</p> <p>Analyse complex concepts and projects into their constituent parts and synthesize them to create new understanding</p>	<p>enzymes</p> <p>nutrition</p> <p>human and animal body systems- digestive system, circulatory system, respiratory system</p> <p>diffusion and osmosis</p> <p>homeostasis</p> <p>carbon cycle</p> <p>cell size, animal size, surface area and volume of living organisms</p> <p>The human immune system</p>