



			Biology										Chemistry				Earth and Space				Physics			General Science		Templates								
			Classification	Kingdoms	Food Chains and Food Webs	Invasive Species	Cells	Plant Cells	Stem Cells	Reproduction	Healthy Eating	Body Systems	States of Matter	Elements and Compounds	Physical & Chemical Change	Mixtures	Separation Techniques	Our Place In Space	Tides	Resources	The Water Cycle	Minerals	Active Earth	Forces	Levers and Gears	Inclined Planes	Energy Transformation	Magnetism	Introduction to Science	Science News	Engineering Challenges	Science Investigations		
Mixtures, including solutions, contain a combination of pure substances that can be separated using a range of techniques.	CW3	ACSSU113												✓		✓	✓																	
In a chemical change, new substances are formed, which may have specific properties related to their uses in everyday life.	CW4	ACSSU225 ACSHE223/226													✓																			
Earth and Space																																		
Sedimentary, igneous and metamorphic rocks contain minerals and are formed by processes that occur within Earth over a variety of timescales.	ES1	ACSSU153 ACSHE224/227																✓					✓	✓										
Scientific knowledge changes as new evidence becomes available. Some technological developments and scientific discoveries have significantly changed people's understanding of the solar system.	ES2	ACSSU115																✓	✓					✓										
Scientific knowledge influences the choices people make in regard to the use and management of the Earth's resources.	ES3	ACSSU116																✓		✓	✓			✓										
Science understanding influences the development of practices in areas of human activity such as industry, agriculture and marine and terrestrial resource management.	ES4	ACSHE121/136 ACSSU222																		✓	✓			✓										
Physical World																																		
Change to an object's motion is caused by unbalanced forces acting on the object.	PW1	ACSSU117																							✓	✓	✓							
The action of forces that act at a distance may be observed and related to everyday situations.	PW2	ACSSU118																							✓				✓					
Energy appears in different forms including movement (kinetic energy), heat and potential energy, and causes change within systems.	PW3	ACSSU155																						✓			✓	✓						
Science and technology contribute to finding solutions to a range of contemporary issues; these solutions may impact on other areas of society and involve ethical considerations.	PW4	ACSHE120/135																						✓			✓	✓						



			Biology								Chemistry						Earth and Space					Physics						Science News	Templates							
			The Nervous System	The Endocrine System	The Immune System	Microbiomes	Ecosystems	Simple Inheritance	Genetics	Evolution	Human Evolution	Atoms	Chemical Reactions	Acids and Bases	Reactions and Energy	Chemical Bonds	Metals	Reaction Types	Active Earth	Earthquakes	The Universe	Comets	Earth Systems	Mass extinctions	Light	Sound	Heat	Radiation	Electrical circuits	Energy Conservation	Kinematics	Newtons Laws of Motion	Science News	Engineering Challenges	Science Investigations	
Different types of chemical reactions are used to produce a range of products and can occur at different rates and involve energy transfer.	CW4	ACSSU187 ACSHE161/195	✓			✓	✓					✓				✓	✓																			
Earth and Space																																				
Scientific understanding, including models and theories, are contestable and are refined over time through a process of review by the scientific community.	ES1	ACSHE157/191									✓							✓	✓	✓	✓		✓													
The theory of plate tectonics explains global patterns of geological activity and continental movement.	ES2	ACSSU180 ACSHE160/194																✓	✓																	
People use scientific knowledge to evaluate claims, explanations or predictions in relation to interactions involving the atmosphere, biosphere, hydrosphere and lithosphere.	ES3	ACSHE160/194 ACSSU189										✓						✓	✓			✓	✓													
Physical World																																				
Energy transfer through different mediums can be explained using wave and particle models.	PW1	ACSSU182																						✓	✓	✓	✓	✓								
The motion of objects can be described and predicted using the laws of physics.	PW2	ACSSU229																												✓	✓					
Scientific understanding of current electricity has resulted in technological developments designed to improve the efficiency in generation and use of electricity.	PW3																														✓					
Energy conservation in a system can be explained by describing energy transfers and transformations.	PW4	ACSSU190 ACSHE228/230																										✓		✓						