



Year 7 | Stage 4

Term 1

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10
Introduction				States of Matter					
SC4-4WS identifies questions and problems that can be tested or researched and makes predictions based on scientific knowledge				SC4-16CW describes the observed properties and behaviour of matter, using scientific models and theories about the motion and arrangement of particles					
SC4-5WS collaboratively and individually produces a plan to investigate questions and problems				SC4-17CW explains how scientific understanding of, and discoveries about, the properties of elements, compounds and mixtures relate to their uses in everyday life.					
SC4-9WS presents science ideas, findings and information to a given audience using appropriate scientific language, text types and representations				CW1 The properties of the different states of matter can be explained in terms of the motion and arrangement of particles. (ACSSU151)					

Term 2

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10
Separation Techniques				Classification					
SC4-16CW describes the observed properties and behaviour of matter, using scientific models and theories about the motion and arrangement of particles.				SC4-14LW relates the structure and function of living things to their classification, survival, and reproduction.					
SC4-17CW explains how scientific understanding of, and discoveries about, the properties of elements, compounds and mixtures relate to their uses in everyday life				SC4-15LW explains how new biological evidence changes people's understanding of the world.					
CW3 Mixtures, including solutions, contain a combination of pure substances that can be separated using a range of techniques. (ACSSU113)				LW1 There are differences within and between groups of organisms; classification helps organise this diversity.					



Term 3

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10
Cells				Forces				Motion	
<p>SC4-14LW relates the structure and function of living things to their classification, survival and reproduction.</p> <p>SC4-15LW explains how new biological evidence changes people's understanding of the world.</p>				<p>SC4-10PW describes the action of unbalanced forces in everyday situations.</p>					
<p>SC4-15LW explains how new biological evidence changes people's understanding of the world.</p>				<p>SC4-11PW discusses how scientific understanding and technological developments have contributed to finding solutions to problems involving energy transfers and transformations.</p>					
<p>LW2 Cells are the basic units of living things and have specialised structures and functions. (ACSSU149)</p>				<p>PW2 The action of forces that act at a distance may be observed and related to everyday situations.</p>					

Term 4

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10
Motion			Space				Geology		
<p>SC4-10PW describes the action of unbalanced forces in everyday situations.</p>			<p>SC4-12ES describes the dynamic nature of models, theories and laws in developing a scientific understanding of the Earth and solar system.</p>				<p>SC4-12ES describes the dynamic nature of models, theories and laws in developing a scientific understanding of the Earth and solar system.</p>		
<p>SC4-11PW discusses how scientific understanding and technological developments have contributed to finding solutions to problems involving energy transfers and transformations.</p>			<p>SC4-13ES explains how advances in scientific understanding of processes that occur within and on the Earth, influence the choices people make about resource use and management.</p>				<p>SC4-13ES explains how advances in scientific understanding of processes that occur within and on the Earth, influence the choices people make about resource use and management</p>		
<p>PW1 Change to an object's motion is caused by unbalanced forces acting on the object. (ACSSU117)</p>			<p>ES2 Scientific knowledge changes as new evidence become available. Some technological developments and scientific discoveries have significantly changed people's understanding of the solar system.</p>				<p>ES1 Sedimentary, igneous and metamorphic rocks contain minerals and are formed by processes that occur within Earth over a variety of timescales. (ACSSU153)</p>		