

SCOPE AND SEQUENCE STATEMENT: YEAR 7 SCIENCE 2025 PLATO

<u>TERM 1</u>	1	2	3	4	5	6	7	8	9	10	11
OVERALL TOPIC	Investigating				Classification and Cells						
OVERVIEW	What is science? The work of scientists can be studied by focusing on their traits. Justify the need for safe work practices in science laboratories				Classification helps order the diversity of living organisms so they can be better described, remembered, and identified. All living things are made of cells which contain specialised organelles that allow them to perform their functions.						
OUTCOMES	SC4-1VA, SC4-2VA, SC4-3VA, SC4-5WS, SC4-6WS, SC4-7WS, SC4-8WS, SC4-9WS				SC4-4WS, SC4-5WS, SC4-6WS, SC4-7WS, SC4-8WS, SC4-9WS, SC4-14LW, SC4-15LW						
ASSESSMENT	AT1 Skills – 20% (Week 6)										
11 WEEKS 33 HOURS											
<u>TERM 2</u>	1	2	3	4	5	6	7	8	9		
OVERALL TOPIC	Energy and Forces										
OVERVIEW	Energy can be transformed into other forms. Heat is often produced when energy is transformed into other forms and this can mean a loss of energy. Minimising wasteful heat production will have benefits for our society. Forces cause objects to change speed and direction.										
OUTCOMES	SC4-4WS, SC4-5WS, SC4-6WS, SC4-7WS, SC4-8WS, SC4-10PW, SC4-11PW										
ASSESSMENT	AT2 – Virtual Zoo Task – 25% (Week 2)										
9 WEEKS 27 HOURS											
<u>TERM 3</u>	1	2	3	4	5	6	7	8	9	10	
OVERALL TOPIC	States of Matter & Separating Mixtures										
OVERVIEW	Particles are always moving and interacting. The way in which particles move affects how matter behaves. Movement of particles increases with heat. Matter can change state when heat energy is added or removed. Mixtures have varied physical properties and can be separated physically.										
OUTCOMES	SC4-16CW, SC4-17CW										
ASSESSMENT	AT3 Data Analysis and Problem-Solving Task – 25% (Week 4)										
10 WEEKS 30 HOURS											
<u>TERM 4</u>	1	2	3	4	5	6	7	8			
OVERALL TOPIC	Changing Earth & Earth’s Precious Resources										
OVERVIEW	The Earth is made up of the core, mantle and crust. The landscape changes due to weathering, erosion and deposition. This unit explores Earth’s natural resources and how they are used.										
OUTCOMES	SC4-12ES, SC4-13ES										
ASSESSMENT	AT4 – Yearly Examination – 30% (Week 3)										
8 WEEKS 24 HOURS											

TOTAL COURSE HOURS: 113 hours