

SAMPLE SCOPE & SEQUENCE

PRELIMINARY SCIENCE, PRELIMINARY TO LEVEL 1

Learning Design

Below is a suggested sequence of content for Preliminary Science PRS005119, PRS005219, PRS005319, PRS004119.

This is an example only; to be used to support teachers to develop their own scope and sequence documents and associated assessment matrices that meet the learning needs of their learners.

NOTE: This course may have been amended since the development of this sample teacher resource in 2018. Please visit the [TASC website](#) for current version of the course.

Term 1

Week	Unit and Topic	Activities	Content Addressed	Criteria Assessed
1	This is life	Hands-on activities can be used to explore and categorise living and non-living things	Science Inquiry Skills <ul style="list-style-type: none"> • planning and conducting • recording and processing Science Understanding <ul style="list-style-type: none"> • biological sciences • chemical sciences • physical sciences 	
2		Practical activities can be used to explore the characteristics of life	Science Understanding: <ul style="list-style-type: none"> • biological Sciences 	
3		We need to sow seeds to grow plants.	Science as a Human Endeavour	
4		We can use what is around us to explore plant and animal life	Science Inquiry Skills <ul style="list-style-type: none"> • All Science Understanding <ul style="list-style-type: none"> • biological sciences 	C1, C2

Week	Unit and Topic	Activities	Content Addressed	Criteria Assessed
5		When seedlings become large enough we need to transplant them.	Science as a Human Endeavour	
6		Plants and animals have different needs	Science Understanding <ul style="list-style-type: none"> • biological sciences • chemical sciences • Earth and space sciences 	C2, C3
7		Some seedlings need to be re-potted	Science as a Human Endeavour	
8		Food chains help us understand what plants and animals need	Science Understanding <ul style="list-style-type: none"> • biological sciences • chemical sciences • Earth and space sciences 	C1 C3
9		When the plants are large enough they can be planted in the garden	Science as a Human Endeavour	
10		Review and final unit assessment	All	C1, C2, C3
Break				
Break				

Term 2

Week	Unit and Topic	Activities	Content Addressed	Criteria Assessed
1	Ecosystems	We can build a simple ecosystem to observe for rest of the year	Science as a Human Endeavour	
2		We are surrounded by ecosystems that we can observe and record	Science as a Human Endeavour	C1
3		Make and learn to maintain a worm farm	Science Understanding <ul style="list-style-type: none"> • biological sciences • chemical sciences 	



Week	Unit and Topic	Activities	Content Addressed	Criteria Assessed
4		What do we need to do to mulch and prepare soil?	Science Understanding <ul style="list-style-type: none"> • biological sciences • chemical sciences • Earth and space sciences 	C3
5		Explore ecosystems and what they are made of?	Science Inquiry Skills <ul style="list-style-type: none"> • recording and processing • analysing and evaluating • communicating 	C2
6		Investigate how food and energy flows through ecosystems.	Science Understanding <ul style="list-style-type: none"> • biological sciences • chemical sciences • Earth and space sciences 	C1
7		We can observe and record the weather as it changes.	Science Inquiry Skills <ul style="list-style-type: none"> • All Science Understanding <ul style="list-style-type: none"> • Earth and space sciences • physical sciences 	C2
8		What do we need to prune now and how do we prune it?	Science as a Human Endeavour	
9		How can we represent food webs? (including biotic and abiotic factors)	Science Understanding <ul style="list-style-type: none"> • biological sciences • chemical sciences • Earth and space sciences 	C3
10		Review and final unit assessment	All	C1, C2, C3
Break				
Break				

Term 3

Week	Unit and Topic	Activities	Content Addressed	Criteria Assessed
1	How we use and impact on our environment	Planting trees helps our environment.	Science as a Human Endeavour	
2		Water cycles through and around our world.	Science Understanding <ul style="list-style-type: none"> • chemical sciences • Earth and space sciences 	
3		We can filter water to make it more pure.	Science Understanding <ul style="list-style-type: none"> • chemical sciences 	
4		What do we need to prune now and how do we prune it? <ul style="list-style-type: none"> • Fruit trees 	Science as a Human Endeavour	C3
5		Anything left over that don't use will end up as pollution.	Science Understanding <ul style="list-style-type: none"> • chemical sciences • Earth and space sciences 	C1
6		Different pollutants break down differently. <ul style="list-style-type: none"> • Set up experiment 	Science Inquiry Skills <ul style="list-style-type: none"> • All Science Understanding <ul style="list-style-type: none"> • chemical sciences 	C2
7		We can avoid pollution by recycling, repurposing, reusing, and reducing our waste.	Science as a Human Endeavour Science Understanding <ul style="list-style-type: none"> • physical sciences 	C1

Week	Unit and Topic	Activities	Content Addressed	Criteria Assessed
8		If we want food in summer then we have to plant our crops now	Science as a Human Endeavour Science Understanding <ul style="list-style-type: none"> biological sciences Earth and space sciences 	C3
9		Different pollutants break down differently. <ul style="list-style-type: none"> record breaking down of pollutants 	Science Inquiry Skills <ul style="list-style-type: none"> All Science Understanding <ul style="list-style-type: none"> chemical sciences Earth and space sciences 	C2
10		Review and final unit assessment	All	C1, C2, C3
Break				
Break				

Term 4

Week	Unit and Topic	Activities	Content Addressed	Criteria Assessed
1	Animal lifecycles	Investigate visiting domestic animals and what they have in common.	Science as a Human Endeavour Science Understanding <ul style="list-style-type: none"> biological sciences 	
2		Different tools move differently and are used for different jobs: <ul style="list-style-type: none"> hand tools 	Science Inquiry Skills <ul style="list-style-type: none"> All Science as a Human Endeavour <ul style="list-style-type: none"> Science Understanding Physical Sciences 	



Week	Unit and Topic	Activities	Content Addressed	Criteria Assessed
3		Investigate farm animals, on-site or excursion, and what they have in common.	Science as a Human Endeavour Science Understanding <ul style="list-style-type: none"> biological sciences 	C1, C3
4		Different tools move differently and are used for different jobs <ul style="list-style-type: none"> large tools 	Science Inquiry Skills <ul style="list-style-type: none"> All Science as a Human Endeavour <ul style="list-style-type: none"> Science Understanding Physical Sciences 	C2
5		Investigate native animals, on excursion, and what they have in common.	Science as a Human Endeavour Science Understanding <ul style="list-style-type: none"> biological sciences 	C1, C3
6		Different tools move differently and are used for different jobs <ul style="list-style-type: none"> wheelbarrows and trolleys 	Science Inquiry Skills <ul style="list-style-type: none"> All Science as a Human Endeavour <ul style="list-style-type: none"> Science Understanding physical sciences 	C2
7		Investigate marine animals, on excursion, and what they have in common.	Science as a Human Endeavour Science Understanding <ul style="list-style-type: none"> biological sciences 	C1
8		We need to prepare the garden for the summer break	Science Inquiry Skills <ul style="list-style-type: none"> All Science as a Human Endeavour Science Understanding <ul style="list-style-type: none"> All 	

Week	Unit and Topic	Activities	Content Addressed	Criteria Assessed
9		We need to prepare the garden for the summer break	Science Inquiry Skills <ul style="list-style-type: none"> • All Science as a Human Endeavour Science Understanding <ul style="list-style-type: none"> • All 	
10		We need to prepare the garden for the summer break	Science Inquiry Skills <ul style="list-style-type: none"> • All Science as a Human Endeavour Science Understanding <ul style="list-style-type: none"> • All 	
Break				
Break				

