



St Paul's International College 2026 Stage 4 Science Scope and Sequence

Term	Week	Topics
1	1	Living Systems
	2	Describes the role, structure and function of a range of living systems and their components. <ul style="list-style-type: none"> ● Body Systems ● Plant systems ● Ecosystems
	3	
	4	
	5	
	6	Outcomes: SC4-Liv-01, SC4-WS-02, SC4-WS-05, SC4-WS-08
	7	Assessment:
	8	Practical report about exercise and heart rate, Tests on the body systems, Research assignment organ transplantation, Topic Test
	9	
2	1	Periodic Table and Atomic Structure
	2	Explains how uses of elements and compounds are influenced by scientific understanding and discoveries relating of their properties <ul style="list-style-type: none"> ● Classification of matter ● Atomic Structure ● Peridic table
	3	
	4	
	5	
	6	Outcomes: SC4-PRT-01, SC4-WS-01, SC4-WS-03, SC4-WS-05, SC4-WS-06
	7	Assessment:
	8	Practical examination and report. Test on elements, compounds and mixtures,
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3	1	Change
	2	Explains how energy causes geological and chemical change <ul style="list-style-type: none"> ● Energy Transfers ● Chemical change ● Geological change
	3	
	4	
	5	
	6	Outcomes: SC4-CHG-01, SC4-WS-01, SC4-WS-03, SC4-WS-04, SC4-WS-08
	7	Assessment:
	8	Research project and Topic test
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	10	
4	1	Data Science
	2	Explains how data is used by scientific to model and predict scientific phenomena <ul style="list-style-type: none"> ● Data ● Scientific models ● Application of models ● Collecting, using and analysing datasets
	3	
	4	
	5	
	6	Outcomes:
	7	SC4-DA1-01, SC4-WS-01, SC4-WS-02, SC4-WS-03, SC4-WS-04, SC4-WS-05, SC4-WS-06, SC4-WS-07, SC4-WS-08
	8	Assessment:
	9	Student research project and inclass quiz.