

2022 Year 10 Science Scope & Sequence

Faculty: STEM **Subject:** Science **Year:** 10

	1	2	3	4	5	6	7	8	9	10	11
TERM 1	<p>Bootcamp: Preparation and learning expectations</p> <p>Title / Unit: Chemical World Timing: 8 weeks Outcomes: SC5-16CW, SC5-17CW (CW3 CW4) SC5-5WS, SC5 – 6WS, SC5 – 7WS, SC5 – 9WS, SC5-1VA, SC5-2VA, SC5-3VA Skills: planning investigations, conducting investigations, processing and analysing data and information, communicating 4Cs: critical thinking – collaboration – communication Literacy focus: SST, RAP, RAW Numeracy focus: data analysis, graphs, tables, measurements Preparation skills for Stage 6: data analysis, investigations Assessment data and weightings: Knowledge, Practical and Data Analysis (in class practical and written task) 25% Term 1 Week 9</p>										<p>Project: Energy</p>

	1	2	3	4	5	6	7	8	9	10
TERM 2	<p>Title / Unit: Physical World Timing: 8 weeks Outcomes: SC5-10PW, SC5-11PW (PW3 PW4) SC5-5WS, SC5 – 6WS, SC5 – 7WS, SC5 – 9WS, SC5-1VA, SC5-2VA, SC5-3VA Skills: planning investigations, conducting investigations, processing and analysing data and information, communicating 4Cs: critical thinking – collaboration – communication – creativity Literacy focus: SST, RAP, RAW Numeracy focus: data analysis, graphs, tables, measurements, units Preparation skills for Stage 6: data analysis, investigations Assessment data and weightings: Knowledge and Data Analysis (in class written task) 25% Term 2 week 4</p>						<p>Title / Unit: Independent Research Project Timing: 4 weeks Outcomes: SC5-4WS, SC5-5WS, SC5-6WS, SC –7WS, SC5-8WS, SC5-9WS, SC5-1VA, SC5-2VA, SC5-3VA Skills: questioning and predicting, planning investigations, conducting investigations, processing and analysing data and information, problem solving, communicating 4Cs: communication, creativity Literacy focus: grammar, spelling, punctuation, SST, RAP, RAW Numeracy focus: data analysis, graphs, tables, measurements Preparation skills for Stage 6: data analysis, investigations, ICT, communication relevant information Assessment data and weightings: Independent Research Project 25% (in class and home task) Term 2 week 10</p>			

	1	2	3	4	5	6	7	8	9	10
TERM 3	<p>Title / Unit: Living World Timing: 12 weeks Outcomes: SC5-14LW, SC5-15LW (LW3 LW4) SC5-5WS, SC5 – 6WS, SC5 – 7WS, SC5 – 9WS, SC5-1VA, SC5-2VA, SC5-3VA Skills: conducting investigations, processing and analysing data and information, communicating 4Cs: critical thinking – collaboration – communication – creativity Literacy focus: SST, RAP, RAW Numeracy focus: data analysis, graphs, tables, measurements Preparation skills for Stage 6: data analysis, investigations, communication relevant information Assessment data and weightings: Data Analysis and Knowledge as part of Yearly Exam 25% Term 3 Week 9/10</p>									

	1	2	3	4	5	6	7	8	9	10
TERM 4	<p>Title / Unit: Living World continues.....</p>		<p>Title / Unit: Earth and Space Timing: 4 weeks Outcomes: SC5-12ES, SC5-13ES (ES1) SC5-5WS, SC5 – 6WS, SC5 – 7WS, SC5 – 9WS, SC5-1VA, SC5-2VA, SC5-3VA Skills: processing and analysing data and information 4Cs: collaboration – communication Literacy focus: SST, RAP, RAW Numeracy focus: data analysis, graphs, tables, measurements, units Preparation skills for Stage 6: data analysis, investigations Assessment data and weightings: Data Analysis and Knowledge as part of Yearly Exam 25%</p>							