

Year 8 Science

Work rate calendar (WRC) 2024

Term 1

All students are expected to participate in all online lessons and complete all assessment as outlined in this **Work rate calendar**.

Teachers may adjust topics, class work, assessment and submission dates. Adjustments will be communicated via QLearn or during lessons.

Assessment				
Supervised assessment		Summative exams are to be supervised by the student's official exam supervisor.		
Non-supervised assessment		Students must sign declaration of academic integrity.		
Week	Dates	Unit	Topic	Class work / Assessment to be submitted
1	22 Jan – 26 Jan	Unit 1: Physics	Monday 22 January — Welcome calls for students: Prep – Year 12	Class Work
			Wednesday 24 January — Learning for success: Prep – Year 12	Send In
			Friday 26 January — Australia Day Holiday	
Introduction to the Physics Unit				
What do you already know?				
Prior-knowledge; Energy, Forces, Simple Machines				
2	29 Jan – 2 Feb		Different Types of Energy	Class Work
Kinetic Energy, GPE, Virtual Investigation			Send In	
3	5 Feb – 9 Feb		Friday 9 February — Senior orientation day: Years 10–12	Class Work
			Planning Investigations and Data Collection	Send In
Potential Energy and Investigating Elastic Potential Energy				
Science Report Writing.				
4	12 Feb – 16 Feb	Energy Transformations and Energy Efficiency	Physics Quiz	
Law of Conservation and Calculation of Energy Efficiency.		Qlearn		
5	19 Feb – 23 Feb	Draft SA1 Plan – Part A	Draft SA1 – Part A Plan	
Class time to plan SA1		Submit Part A to Qlearn	Friday 23 Feb	
6	26 Feb – 1 Mar	Science Report Writing Skills		
Receive feedback on Draft Plan SA1				
Science reporting skills				
7	4 Mar – 8 Mar	Physics Report SA1	Draft Report SA1	
Conduct and write science report.		Submit draft to Qlearn	Friday 8 March	
8	11 Mar – 15 Mar	Newton's Laws of Motion	Class Work	
First, Second and Third Laws		Send In		
9	18 Mar – 22 Mar	Monday 18 March – Wednesday 20 March — School camp: Years 7–8	Final SA1	
		SA1 Task	Submit Final Report to Qlearn	
Apply feedback and complete all sections of the report.		Friday 22 March		
10	25 Mar – 29 Mar	Thursday 28 March — Cross country / Fun run: Prep – Year 12	Class Work	
		Friday 29 March — Good Friday	Send In	
		Renewable Energy		
Different types and use of renewable energy in Australia.				

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Term 2

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Assessment				
Supervised assessment		Summative exams are to be supervised by the student's official exam supervisor.		
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Week	Dates	Unit	Topic	Class work / Assessment to be submitted
1	15 Apr – 19 Apr	Unit 2: Chemistry	Introduction to Chemistry Laboratory Equipment and Safety. Prior-knowledge – States of Matter / Particle Model.	Lab Experiment States of Matter
2	22 Apr – 26 Apr		Thursday 25 April — Anzac Day Periodic Table of Elements Atomic Model and Development of Periodic Table.	Class Work Send In
3	29 Apr – 3 May		Elements, Compounds and Mixtures Comparing matter using 2D, 3D representations and symbols.	Class Work Send In
4	6 May – 10 May		Monday 6 May — Labour Day Comparing Physical and Chemical Change Identification and classification of physical and chemical change.	Class Work Send In
5	13 May – 17 May		Chemical Reactions Word Equations and Data Analysis.	Lab Experiment SA2 Practice Exam Exam due 17 May
6	20 May – 24 May	Unit 2: Chemistry	Chemical Reactions and Energy Indicators of reactions. Exothermic and endothermic reaction.	Class Work Send In
7	27 May – 31 May		Revision Week Revision Activities and Preparation for SA2 Exam.	SA2 Final Exam Exam due 31 May
8	3 Jun – 7 Jun		Plastics and Fibres Introduction to Materials Testing and Designing an Experimental Investigation.	Class Work Send In
9	10 Jun – 14 Jun		Materials Testing Materials Testing and Designing an Experimental Investigation Guest Speaker Session.	Class Work Send In
10	17 Jun – 21 Jun		Friday 21 June — Athletics carnival / Sports day: Prep – Year 12 Mining and Recycling of Precious Elements for Sustainable Futures Research project and poster presentation.	Class Work Send In

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Term 3

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Assessment

Supervised assessment Summative exams are to be supervised by the student's official exam supervisor.

Non-supervised assessment Students must sign declaration of academic integrity.

Week	Dates	Unit	Topic	Class work / Assessment to be submitted
1	8 Jul – 12 Jul	Unit 3: Earth Sciences	<Topic> <Topic information>	
2	15 Jul – 19 Jul		<Topic> <Topic information>	
3	22 Jul – 26 Jul		<Topic> <Topic information>	
4	29 Jul – 2 Aug		<Topic> <Topic information>	Earth Science Quiz Qlearn
5	5 Aug – 9 Aug		<Topic> <Topic information>	
6	12 Aug – 16 Aug	Unit 3: Earth Sciences	Wednesday 14 August — Royal Queensland (Ekka) Show Holiday <Topic> <Topic information>	Draft SA3 Submit to Qlearn Fri 16 Aug
7	19 Aug – 23 Aug		<Topic> <Topic information>	
8	26 Aug – 30 Aug		Friday 30 August — Student free day <Topic> <Topic information>	Final SA3 Submit to Qlearn Fri 30 Aug
9	2 Sept – 6 Sept		<Topic> <Topic information>	
10	9 Sept – 13 Sept		Wednesday 11 September — Connect excursion: Years 7–9 Friday 13 September — Connect excursion: Years 10–12 <Topic> <Topic information>	

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Term 4

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Assessment

Supervised assessment Summative exams are to be supervised by the student's official exam supervisor.

Non-supervised assessment Students must sign declaration of academic integrity.

Week	Dates	Unit	Topic	Class work / Assessment to be submitted
1	30 Sept – 4 Oct	Unit 4: Biology	<Topic> <Topic information>	<Class work> <Class work information> <Assessment> <Assessment information>
2	7 Oct – 11 Oct		Monday 7 October — King's Birthday Holiday <Topic> <Topic information>	
3	14 Oct – 18 Oct		Monday 14 October – Wednesday 16 October — School camp: Years 9–10 <Topic> <Topic information>	
4	21 Oct – 25 Oct		<Topic> <Topic information>	
5	28 Oct – 1 Nov		<Topic> <Topic information>	
6	4 Nov – 8 Nov	Unit 4: Biology	<Topic> <Topic information>	
7	11 Nov – 15 Nov		<Topic> <Topic information>	
8	18 Nov – 22 Nov		Friday 22 November — Aquatic carnival: Prep – Year 11 Friday 22 November — Final day: Years 10–11 <Topic> <Topic information>	TBC
9	25 Nov – 29 Nov		<Topic> <Topic information>	
10	2 Dec – 6 Dec		<Topic> <Topic information>	
11	9 Dec – 13 Dec	Wednesday 11 December — Connect day: Years 7–9 <Topic> <Topic information>		