

# Year 11 Science in Practice

## Work rate calendar (WRC) 2025

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				
<b>Supervised assessment</b>		Summative exams are to be supervised by the student's official exam supervisor.		
<b>Non-supervised assessment</b>		Students must sign declaration of academic integrity.		
Week	Dates	Unit	Topic	Class work / Assessment to be submitted
1	27 Jan – 31 Jan	Unit 1: Sustainability	Monday 27 January — Australia Day Holiday	
			<b>Forms of Energy</b> Renewable and non-renewable, kinetic and potential	
2	3 Feb – 7 Feb		<b>Work, Energy Transfer and Transformation</b> Generation and transformation of energy	
			Friday 14 February — Senior orientation day: Years 10–12	
3	10 Feb – 14 Feb		<b>Energy Efficiency and Ecological Footprint</b> Energy efficiency and ecological footprint calculations	
			4	17 Feb – 21 Feb
5	24 Feb – 28 Feb			
			6	3 Mar – 7 Mar
7	10 Mar – 14 Mar			
			8	17 Mar – 21 Mar
9	24 Mar – 28 Mar	<b>Exams: Year 11</b> Monday 24 March – Friday 28 March		
		10	31 Mar – 4 Apr	Thursday 3 April — Cross country / Fun run: Prep – Year 12
<b>Indigenous Energy Use</b> Energy and Aboriginal and Torres Strait Islander peoples				

# Year 11 Science in Practice

## Work rate calendar (WRC) 2025

**Term 2**

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	21 Apr – 25 Apr	Unit 1: Sustainability	Monday 21 April — Easter Monday		
			Tuesday 22 April – Thursday 24 April — School camp: Year 11		
			Friday 25 April — Anzac Day		
			<b>Four Dimensions of Sustainability</b>		
	Social, environmental, economic and political				
2	28 Apr – 2 May		<b>Sustainable Materials</b>	Wall colour, insulation, resources and energy costs	
3	5 May – 9 May		Monday 5 May — Labour Day		
			<b>Passive House Design</b>	Investigate passive house design	
4	12 May – 16 May		<b>Model House Planning</b>	Background information, materials and safety risk assessment	<b>FA2 Checkpoint due Friday 16<sup>th</sup> May</b>
5	19 May – 23 May		<b>Building Model House</b>	Building	
6	26 May – 30 May	<b>FA2 Practical Project</b>	Drafting	<b>FA2 Draft due Friday 23<sup>rd</sup> May</b>	
7	2 Jun – 6 Jun	<b>FA2 Practical Project</b>	Editing		
8	9 Jun – 13 Jun	<b>FA2 Practical Project</b>	Completion	<b>FA2 Final due Friday 13<sup>th</sup> June</b>	
9	16 Jun – 20 Jun	<b>Green Spaces</b>	Community benefits		
10	23 Jun – 27 Jun	Friday 27 June — Athletics carnival / Sports day: Prep – Year 12			
		<b>Careers in Sustainability</b>	Qualifications and opportunities		

# Year 11 Science in Practice

## Work rate calendar (WRC) 2025

Term 3

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	
<b>Supervised assessment</b>	Summative exams are to be supervised by the student's official exam supervisor.
<b>Non-supervised assessment</b>	Students must sign declaration of academic integrity.

Week	Dates	Unit	Topic	Class work / Assessment to be submitted
1	14 Jul – 18 Jul	Unit 2: Transport	<b>Energy Transfers and Transformations</b> Energy transfers of a moving car	
2	21 Jul – 25 Jul		<b>Laws of Motion</b> Laws of motion associated with driving a car	
3	28 Jul – 1 Aug		<b>Vehicle Safety and Safety Behaviours</b> Safety regulations and safe driving recommendations	
4	4 Aug – 8 Aug		<b>Stopping Distance</b> Speed, breaking distance and stopping distance calculations	
5	11 Aug – 15 Aug		<b>Wednesday 13 August — Royal Queensland (Ekka) Show Holiday</b> <b>Plan Investigation</b> Background information, method and safety risk assessment	<b>FA3 Checkpoint due Friday 15<sup>th</sup> August</b>
6	18 Aug – 22 Aug	Unit 2: Transport	<b>Conduct Investigation</b> Analyse results	
7	25 Aug – 29 Aug		<b>FA3 Applied Investigation</b> Drafting	<b>FA3 Draft due Friday 29<sup>th</sup> August</b>
8	1 Sept – 5 Sept		<b>Friday 5 September — Student free day</b> <b>FA3 Applied Investigation</b> Editing	
9	8 Sept – 12 Sept		<b>Sustainable Transport</b> Public and non-motorised transport	<b>FA3 Final due Friday 12<sup>th</sup> September</b>
10	15 Sept – 19 Sept		<b>Exams: Year 11</b> Monday 15 September – Friday 19 September Friday 19 September — Connect day: Years 11–12	

# Year 11 Science in Practice

## Work rate calendar (WRC) 2025

Term 4

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	
<b>Supervised assessment</b>	Summative exams are to be supervised by the student's official exam supervisor.
<b>Non-supervised assessment</b>	Students must sign declaration of academic integrity.

Week	Dates	Unit	Topic	Class work / Assessment to be submitted
1	6 Oct – 10 Oct	Unit 2: Transport	Monday 6 October — King's Birthday Holiday	
			<b>Aerodynamics</b> Thrust, drag, weight and lift	
2	13 Oct – 17 Oct		<b>Centre of Gravity</b> Model Plane Activity	
			3	20 Oct – 24 Oct
4	27 Oct – 31 Oct			
			5	3 Nov – 7 Nov
6	10 Nov – 14 Nov			
			7	17 Nov – 21 Nov
<b>Careers in Transport</b> Qualifications and Opportunities				
8	24 Nov – 28 Nov		<b>Exams: Year 11</b>	
		Monday 24 November – Friday 28 November		
		Friday 28 November — Final day: Years 10–11		
9	1 Dec – 5 Dec			
10	8 Dec – 12 Dec			