

Year 9 Mathematics

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				
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	27 Jan – 31 Jan	Unit 1: Measurement, Indices and Scientific Notation	Monday 27 January — Australia Day Holiday	PAT-M Testing
			Tuesday 28 January – Welcome calls: Years Prep–12	Getting to Know You
			Wednesday 29 January – Learning for success: Years Prep–12	
Introduction to Year 9 – Expectations and Getting Organised Preparation for Unit 1				
2	3 Feb – 7 Feb		Monday 3 February — Brainstorm Productions: Years 7–12 (11am–2pm)	As per Learning Guide
			Topic 1: Measurement	
			9.3 – Area of squares, rectangles, parallelograms and triangles 9.3 – Area of trapeziums, kites, circles and rhombus' 9.3 – Area of composite shapes - addition	
3	10 Feb – 14 Feb		Friday 14 February — Senior orientation day: Years 10–12	As per Learning Guide
			9.3 – Area of composite shapes - subtraction	
			9.5 – Surface area of rectangular prisms 9.6 – Surface area of triangular prisms	
4	17 Feb – 21 Feb	9.6 – Surface area of cylinders	As per Learning Guide	
		9.7 – Volume of prisms		
		9.7 – Volume of prisms and cylinders		
5	24 Feb – 28 Feb	Consolidation lesson	As per Learning Guide	
		Topic 2: Indices and Scientific Notation		
		1.4 – Review of Index Laws – First Index law 1.4 – Review of Index Laws – Second Index Law		
6	3 Mar – 7 Mar	1.4 – Review of Index Laws – Third Index Law	As per Learning Guide	
		1.5 – Raising powers – Fourth and Fifth Index Laws		
		1.5 – Raising powers – Sixth Index Law		
7	10 Mar – 14 Mar	Wednesday 12 March – Friday 14 March — NAPLAN: Years 7 and 9	As per Learning Guide	
		1.6 – Negative indices – basic		
		1.6 – Negative indices – multiple steps Consolidation lesson		
8	17 Mar – 21 Mar	1.7 – Scientific notation	As per Learning Guide	
		Revision		
9	24 Mar – 28 Mar	Monday 24 March – Wednesday 26 March — School camp: Years 7–8	SA1 Exam:	
		Revision	To be submitted by 5.00pm Friday March 28	
10	31 Mar – 4 Apr	Thursday 3 April — Cross country / Fun run: Prep – Year 12	As per Learning Guide	
			Preparation for Unit 2	

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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.				
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 2: Similarity, Pythagoras' theorem, Trigonometry and Financial Maths	Monday 21 April — Easter Monday	As per Learning Guide		
			Friday 25 April — Anzac Day			
			Topic 3: Similarity Ch 4.2 – Ratio Ch 4.2 – Scale			
2	28 Apr – 2 May		Ch 4.5 – Similar figures – Scale factor Ch 4.5 – Similar figures – Similarity tests on single triangles Ch 4.5 – Similar figures – Similarity tests on multiple triangles	As per Learning Guide		
			3	5 May – 9 May	Monday 5 May — Labour Day Consolidation lesson	As per Learning Guide
					Topic 4: Pythagoras' theorem and Trigonometry Ch 5.2 – Pythagoras' theorem – Finding the hypotenuse	
4	12 May – 16 May		Ch 5.2 – Pythagoras' theorem – Finding an unknown side Ch 5.3 – Applications of Pythagoras' theorem Ch 5.4 – Trigonometric ratios	As per Learning Guide		
			5	19 May – 23 May	Ch 5.5 – Calculating unknown side lengths – unknown in numerator Ch 5.5 – Calculating unknown side lengths – unknown in denominator Consolidation lesson	As per Learning Guide
					6	26 May – 30 May
7	2 Jun – 6 Jun		Revision	SA2 Exam: To be submitted by 5.00pm Friday June 6		
8	9 Jun – 13 Jun	Topic 5: Financial Maths Ch 8.4 – Simple interest – Calculating simple interest and the final amount Ch 8.4 – Simple interest – Rearranging the simple interest formula Ch 8.4 – Simple interest – Calculating repayments	As per Learning Guide			
		9	16 Jun – 20 Jun	Revision	Formative Assessment: To be submitted by 5.00pm Friday June 20	
10	23 Jun – 27 Jun		Friday 27 June — Athletics carnival / Sports day: Prep – Year 12 Preparation for Unit 3	As per Learning Guide		

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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	14 Jul – 18 Jul	Unit 3: Linear Relationships and Algebra	Topic 6: Linear Relationships Assignment Lesson 1: Introduction and Formulate Assignment Lesson 2: Graphs of linear rates Assignment Lesson 3: Determining equations of linear rates	SA3 PSMT Released: Monday 14/07/25
2	21 Jul – 25 Jul		Assignment Lesson 4: Comparing linear rates Assignment Lesson 5: Solve Assignment Lesson 6: Considerations	SA3 PSMT Draft: To be submitted by 5.00pm Friday July 25
3	28 Jul – 1 Aug		Wednesday 30 July – Friday 1 August — SET plan meetings: Year 10 Assignment Lesson 7: Evaluate Assignment Lesson 8: Conclusion and Communication Assignment Lesson 9: Draft feedback and Finalise report	
4	4 Aug – 8 Aug		Ch 6.3 – Features of linear graphs Ch 6.4 – The equation of a straight line – Gradient/intercept method Ch 6.4 – The equation of a straight line – From two points and from a graph	SA3 PSMT Final: To be submitted by 5.00pm Monday August 4
5	11 Aug – 15 Aug		Wednesday 13 August — Royal Queensland (Ekka) Show Holiday Ch 6.5 – Sketching linear graphs Ch 6.7 – Practical applications of linear graphs Consolidation	As per Learning Guide
6	18 Aug – 22 Aug		Ch 6.8 Midpoint of a line segment Ch 6.8 Distance between two points Topic 7: Algebra Ch 2.3 – Algebra in worded problems	As per Learning Guide
7	25 Aug – 29 Aug		Ch 2.4 – Simplification of algebraic expressions Ch 2.5 – Expanding brackets – Expanding single brackets Ch 2.5 – Expanding brackets – Expanding two sets of brackets	As per Learning Guide
8	1 Sept – 5 Sept		Friday 5 September — Student free day Ch 2.5 – Expanding brackets – Expanding two binomial factors Revision	As per Learning Guide
9	8 Sept – 12 Sept		Friday 12 September — Connect day: Years 7–8 Revision	SA4 Exam: To be submitted by 5.00pm Friday September 12
10	15 Sept – 19 Sept		Wednesday 17 September — Connect day: Years 9–10 Preparation for Unit 4	As per Learning Guide

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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	6 Oct – 10 Oct	Unit 4: Statistics and Chance	Monday 6 October — King's Birthday Holiday Topic 8: Statistics Ch 11.2 – Sampling Ch 11.3 – Collecting data – Frequency tables and dot plots	As per Learning Guide
2	13 Oct – 17 Oct		Ch 11.3 – Collecting data – Stem-and-leaf plots Ch 11.4 – Displaying data – Back-to-back stem-and-leaf plots Ch 11.4 – Displaying data – Histograms	As per Learning Guide
3	20 Oct – 24 Oct		Ch 11.5 – Measures of centre – From raw data and tables Ch 11.5 – Measures of centre – From stem-and-leaf plots and dot plots Ch 11.5 – Measures of centre – From grouped tables	As per Learning Guide
4	27 Oct – 31 Oct		Ch 11.6 – Measures of spread Topic 9: Probability Ch 10.2 – Theoretical probability Ch 10.3 – Experimental probability	As per Learning Guide
5	3 Nov – 7 Nov		Ch 10.4 – Venn diagrams and complementary events Ch 10.4 – Two-way tables Ch 10.5 – Two-step experiments – Using arrays and tree diagrams	As per Learning Guide
6	10 Nov – 14 Nov		Ch 10.5 – Two-step experiments – With replacement Ch 10.5 – Two-step experiments – Without replacement Revision	As per Learning Guide
7	17 Nov – 21 Nov		Friday 21 November — Aquatic carnival: Prep – Year 11 Revision	SA5 Exam: To be submitted by 5.00pm Friday November 21
8	24 Nov – 28 Nov		Friday 28 November — Final day: Years 10–11 Topic 10: Introduction to Year 10 Preparation for Year 10	As per Learning Guide
9	1 Dec – 5 Dec		Friday 1 December — STEM Connect day: Years 5–9 Preparation for Year 10	As per Learning Guide
10	8 Dec – 12 Dec		Preparation for Year 10	As per Learning Guide