Year 9 Mathematics Intensive

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 Tuesday 28 January – Welcome calls: Years Prep–12 Wednesday 29 January – Learning for success: Years Prep–12 Introduction to Year 9 – Expectations and Getting Organised Review Converting lengths, Perimeter and Circumference	**PAT-M Testing** Getting to Know You
2	3 Feb – 7 Feb		Monday 3 February — Brainstorm Productions: Years 7–12 (11am–2pm) **Topic 1: Measurement** Area of squares, rectangles, parallelograms and triangles Area of trapeziums, kites, circles and rhombus' Area of composite shapes - addition	As per Learning Guide
3	10 Feb – 14 Feb		Friday 14 February — Senior orientation day: Years 10–12 Area of composite shapes - subtraction Surface area of rectangular prisms Surface area of triangular prisms	As per Learning Guide
4	17 Feb – 21 Feb		Surface area of cylinders Volume of prisms Volume of prisms and cylinders	As per Learning Guide
5	24 Feb – 28 Feb		Consolidation lesson **Topic 2: Indices and Scientific Notation** Review of Index Laws – First Index law Review of Index Laws – Second Index Law	As per Learning Guide
6	3 Mar – 7 Mar		Review of Index Laws – Third Index Law Raising powers – Fourth and Fifth Index Laws Raising powers – Sixth Index Law	As per Learning Guide
7	10 Mar – 14 Mar		Wednesday 12 March – Friday 14 March — NAPLAN: Years 7 and 9 Negative indices – basic Negative indices – multiple steps Consolidation lesson	As per Learning Guide
8	17 Mar – 21 Mar		Scientific notation Revision	As per Learning Guide
9	24 Mar – 28 Mar		Monday 24 March – Wednesday 26 March — School camp: Years 7–8 Revision	**SA1 Exam Due:** 5.00pm Friday 21/03/25
10	31 Mar – 4 Apr		Thursday 3 April — Cross country / Fun run: Prep – Year 12 Review Square roots Review Congruency Review Solving one-step equations	As per Learning Guide

LEGEND | Class work — send-in | Summative assessment | Exam block | School events | Public holidays | Student free day

Year 9 Mathematics Intensive

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 2: Similarity, Pythagoras' theorem, Trigonometry and Financial Maths	Monday 21 April — Easter Monday Friday 25 April — Anzac Day **Topic 3: Similarity** Ratio Scale	As per Learning Guide
2	28 Apr – 2 May		Similar figures – Scale factor Similar figures – Similarity tests on single triangles Similar figures – Similarity tests on multiple triangles	As per Learning Guide
3	5 May – 9 May		Monday 5 May — Labour Day Area and volume of similar figures Consolidation lesson **Topic 4: Pythagoras' theorem and Trigonometry** Pythagoras' theorem – Finding the hypotenuse	As per Learning Guide
4	12 May – 16 May		Pythagoras' theorem – Finding an unknown side Applications of Pythagoras' theorem Trigonometric ratios	As per Learning Guide
5	19 May – 23 May		Calculating unknown side lengths – unknown in numerator Calculating unknown side lengths – unknown in denominator Consolidation lesson	As per Learning Guide
6	26 May – 30 May		Calculating unknown angles Revision	As per Learning Guide
7	2 Jun – 6 Jun		Revision	**SA2 Exam Due:** 5.00pm Friday 6/06/25
8	9 Jun – 13 Jun		**Topic 5: Financial Maths** Simple interest – Calculating simple interest and the final amount Simple interest – Rearranging the simple interest formula Simple interest – Calculating repayments	As per Learning Guide
9	16 Jun – 20 Jun		Revision	**Formative Assessment** 5.00pm Friday 20/06/25
10	23 Jun – 27 Jun		Friday 27 June — Athletics carnival / Sports day: Prep – Year 12 Plotting linear graphs Using pronumerals Review Solving two-step equations	As per Learning Guide

LEGEND | Class work — send-in | Summative assessment | Exam block | School events | Public holidays | Student free day

Year 9 Mathematics Intensive

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	
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 Due:** 5.00pm Friday 25/07/25
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		Features of linear graphs The equation of a straight line – Gradient/intercept method The equation of a straight line – From two points and from a graph	**SA3 PSMT Final Due:** 5.00pm Monday 4/08/25
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		Midpoint of a line segment Distance between two points **Topic 7: Algebra** Algebra in worded problems	As per Learning Guide
7	25 Aug – 29 Aug		Simplification of algebraic expressions Expanding brackets – Expanding single brackets Expanding brackets – Expanding two sets of brackets	As per Learning Guide
8	1 Sept – 5 Sept		Friday 5 September — Student free day 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 Due:** 5.00pm Friday 12/09/25
10	15 Sept – 19 Sept		Wednesday 17 September — Connect day: Years 9–10 Review Fractions Review Statistics	As per Learning Guide

LEGEND | Class work — send-in | Summative assessment | Exam block | School events | Public holidays | Student free day

Year 9 Mathematics Intensive

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	
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** Sampling Collecting data – Frequency tables and dot plots	As per Learning Guide
2	13 Oct – 17 Oct		Collecting data – Stem-and-leaf plots Displaying data – Back-to-back stem-and-leaf plots Displaying data – Histograms	As per Learning Guide
3	20 Oct – 24 Oct		Measures of centre – From raw data and tables Measures of centre – From stem-and-leaf plots and dot plots Measures of centre – From grouped tables	As per Learning Guide
4	27 Oct – 31 Oct		Measures of spread **Topic 9: Probability** Theoretical probability Experimental probability	As per Learning Guide
5	3 Nov – 7 Nov		Venn diagrams and complementary events Two-way tables Two-step experiments – Using arrays and tree diagrams	As per Learning Guide
6	10 Nov – 14 Nov		Two-step experiments – With replacement 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 Due:** 5.00pm Friday 14/11/25
8	24 Nov – 28 Nov		Friday 28 November — Final day: Years 10–11 **Topic 10: Introduction to Year 10** See your teacher for more information	As per Learning Guide
9	1 Dec – 5 Dec		Friday 1 December — STEM Connect day: Years 5–9 See your teacher for more information	As per Learning Guide
10	8 Dec – 12 Dec		See your teacher for more information	As per Learning Guide

LEGEND | Class work — send-in | Summative assessment | Exam block | School events | Public holidays | Student free day