

Year 8 Mathematics

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: Number and Algebra	Monday 22 January — Welcome calls for students: Prep – Year 12	
			Wednesday 24 January — Learning for success: Prep – Year 12	
			Friday 26 January — Australia Day Holiday	
			Topic 1 – Number 3.2 The real number system	
2	29 Jan – 2 Feb		1.2 Adding and subtracting integers 1.3 Multiplying integers & 1.4 Dividing integers	Classwork as assigned by teacher
3	5 Feb – 9 Feb		1.5 Order of operations 3.4 Multiplying & dividing fractions 3.3 Adding and subtracting fractions	PAT-M Testing To be submitted by 5.00pm Friday 9 February Classwork as assigned by teacher
4	12 Feb – 16 Feb		7.2 Using pronumerals 7.3 & 7.4 Substitution 7.6 Simplify algebraic expressions – addition and subtraction	Classwork as assigned by teacher
5	19 Feb – 23 Feb		7.7 Simplify algebraic expressions – multiplication and division 7.8 Expansion of algebraic expressions	FA1 – Online Test: To be submitted by 5.00pm Monday
6	26 Feb – 1 Mar		7.8 Distributive law 3.5 Terminating, recurring and non-terminating decimals	Classwork as assigned by teacher
7	4 Mar – 8 Mar		3.6 & 3.7 Working with decimals 2.2 Index notation & 2.3 Positive integral indices – first index law	Classwork as assigned by teacher
8	11 Mar – 15 Mar	2.4 Positive integral indices – second index law 2.5 Zero integral – third index law 2.6 Positive integral indices – fourth index law	Classwork as assigned by teacher	
9	18 Mar – 22 Mar	Monday 18 March – Wednesday 20 March — School camp: Years 7–8 Revision	Classwork as assigned by teacher	
10	25 Mar – 29 Mar	Thursday 28 March — Cross country / Fun run: Prep – Year 12	SA1 – Exam: To be submitted by 5.00pm Wednesday 27 March	
		Friday 29 March — Good Friday Revision		

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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: Geometry and Measurement	Topic 2 – Problem Solving and Modelling Task Introduction to the PSMT assignment – Making a kite Understanding the PSMT assignment PSMT Overview	SA2 – PSMT: Released on Thursday 18 April
2	22 Apr – 26 Apr		Thursday 25 April — Anzac Day 4.2 Percentages & 4.3 Percentage increases and decreases 4.5 Profit and loss, Cost and selling price	SA2 – PSMT checkpoint: To be submitted by 5.00pm Friday 26 April
3	29 Apr – 3 May		Assignment work	Work on PSMT
4	6 May – 10 May		Monday 6 May — Labour Day Topic 3 – Measurement 8.2 Perimeter (parallelogram, trapezium, rhombus, kite) 8.3 Circumference	SA2 – PSMT Final: To be submitted by 5.00pm Wednesday 8 May
5	13 May – 17 May		8.4, 8.5 and 8.6 Area (parallelogram, trapezium, rhombus, kite, circle) 8.7 Volume (rectangular prism, triangular prism) 8.4 & 8.7 Unit conversions (area and volume)	Classwork as assigned by teacher
6	20 May – 24 May		Topic 4 - Geometry 6.2 Transformations 6.3 Congruent shapes	Classwork as assigned by teacher
7	27 May – 31 May		6.5 Congruent triangles 6.5 Congruent tests for triangles 6.6 Angle properties	Classwork as assigned by teacher
8	3 Jun – 7 Jun		6.6 Quadrilaterals Revision	SA3 – Exam: To be submitted by 5.00pm Friday 7 June
9	10 Jun – 14 Jun		Topic 5 – Time 8.8 Clocks, 12 hr and 24 hr time 8.8 Duration & Timetables	Classwork as assigned by teacher
10	17 Jun – 21 Jun		Friday 21 June — Athletics carnival / Sports day: Prep – Year 12 8.9 Time zones & Daylight saving	FA2 – Online Test: To be submitted by 5pm Friday

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Term 3

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Assessment

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Week	Dates	Unit	Topic	Class work / Assessment to be submitted
1	8 Jul – 12 Jul	Unit 3: Statistics and Probability	Topic 6 - Statistics 10.2 Data collection & Random sampling 10.2 Samples and population	Classwork as assigned by teacher
2	15 Jul – 19 Jul		10.4 Data displays (column graphs, dot plots, stem leaf plots)	Classwork as assigned by teacher
3	22 Jul – 26 Jul		10.5 Measures of centre and spread 10.5 Outliers	SA4 – PSMT: Released on Thursday 25 July
4	29 Jul – 2 Aug		Formulate a solution Class work Solve the problem	SA4 – PSMT checkpoint: To be submitted by 5.00pm Friday 2 August
5	5 Aug – 9 Aug		Class work Evaluate the solution Class work	Work on PSMT
6	12 Aug – 16 Aug		Wednesday 14 August — Royal Queensland (Ekka) Show Holiday Topic 7 - Probability 11.3 Probability scale 11.3 Sum of probabilities	SA4 – PSMT Final: To be submitted by 5.00pm Monday 12 August
7	19 Aug – 23 Aug		11.5 Complementary events 11.4 Language of probability – at least, exclusive or, inclusive or, and	Classwork as assigned by teacher
8	26 Aug – 30 Aug		Friday 30 August — Student free day 11.6 Venn diagrams 11.6 Two-way tables	Classwork as assigned by teacher
9	2 Sept – 6 Sept		Revision	SA5 - Exam: To be submitted by 5.00pm Friday 6 Sept
10	9 Sept – 13 Sept		Wednesday 11 September — Connect excursion: Years 7–9 Topic 8– Linear Patterns & Algebra 7.5 Number Laws	Classwork as assigned by teacher

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Term 4

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Assessment

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Week	Dates	Unit	Topic	Class work / Assessment to be submitted
1	30 Sept – 4 Oct	Unit 4: Linear Patterns	7.9 Factorisation of algebraic expressions 7.9 HCF in numerical and algebraic expressions	Classwork as assigned by teacher
2	7 Oct – 11 Oct		Monday 7 October — King's Birthday Holiday 12.2 Cartesian plane 12.3 Linear Patterns	Classwork as assigned by teacher
3	14 Oct – 18 Oct		12.4 Plotting linear relationships 12.5 Rules for linear relationships Word problems	Classwork as assigned by teacher
4	21 Oct – 25 Oct		12.7 Solving equations graphically 9.4 Solving linear equations algebraically	Classwork as assigned by teacher
5	28 Oct – 1 Nov		9.4 Solving linear equations algebraically Word problems	Classwork as assigned by teacher
6	4 Nov – 8 Nov		5.2 Ratios 5.7 Rates Problem Solving Practise	Classwork as assigned by teacher
7	11 Nov – 15 Nov		Revision	Classwork as assigned by teacher
8	18 Nov – 22 Nov		Friday 22 November — Aquatic carnival: Prep – Year 11 Revision	SA6 - Exam: To be submitted by 5.00pm Thursday 21 November
9	25 Nov – 29 Nov		Topic 9 – Preparation for Year 9	
10	3 Dec – 6 Dec		Preparation for Year 9	
11	9 Dec – 13 Dec		Wednesday 11 December — Connect day: Years 7–9 Preparation for Year 9	