BrisbaneSDE

Year 8 Mathematics Intensive
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		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** The real number system	
2	29 Jan – 2 Feb		Place Value Adding and subtracting numbers Integers	Classwork as assigned by teacher
3	5 Feb – 9 Feb		Odd & even Numbers Prime, composite, square and triangular numbers Order of operations	**PAT-M Testing** To be submitted by 5pm Friday 9 February Classwork as assigned by teacher
4	12 Feb – 16 Feb		Fractions Ordering and comparing fractions Ordering and comparing decimals	Classwork as assigned by teacher
5	19 Feb – 23 Feb	Unit 1: Number and Algebra	Getting to know Algebra Using pronumerals Adding and subtracting with letters	**FA1 – Online Test -** Classwork as assigned by teacher
6	26 Feb – 1 Mar		Distributive law Terminating, recurring and non-terminating decimals	Classwork as assigned by teacher
7	4 Mar – 8 Mar		Working with decimals Index notation Positive integral indices – first index law	Classwork as assigned by teacher
8	11 Mar – 15 Mar		Positive integral indices – second index law Zero integral – third index law 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 Friday 29 March — Good Friday SA1 Exam	**SA1- Exam-Topic 1** **Due date: 5pm Friday 29th March**

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

Year 8 Mathematics Intensive
Work rate calendar (WRC) 2024   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	15 Apr – 19 Apr		**Topic 2 – Problem Solving and Modelling Task** Calculating change Budgets Percentages	**Thursday 2 May – Release of SA2 PSMT**
2	22 Apr – 26 Apr		Thursday 25 April — Anzac Day Formulate a solution Class work Solve the problem	Work on PSMT
3	29 Apr – 3 May		Class work Evaluate the solution Class work	Work on PSMT
4	6 May – 10 May	Unit 2: Geometry & Measurement	Monday 6 May — Labour Day **Topic 3 - Measurement** Unit conversions Perimeter Circumference	**SA2 – Final PSMT** Due date: 5pm Friday 10 May
5	13 May – 17 May		Area Volume	Classwork as assigned by teacher
6	20 May – 24 May		**Topic 4 - Geometry** Transformations Congruent shapes Congruent triangles	Classwork as assigned by teacher
7	27 May – 31 May		Congruent tests for triangles Angle properties Quadrilaterals	Classwork as assigned by teacher
8	3 Jun – 7 Jun		Revision SA3 Exam	**SA3 – Exam – Topic 3&4** Due date: 5pm Friday 7 June
9	10 Jun – 14 Jun		**Topic 5 – Time** Time Duration and Timetable	Classwork as assigned by teacher
10	17 Jun – 21 Jun		Friday 21 June — Athletics carnival / Sports day: Prep – Year 12 Time zones & Daylight saving	Classwork as assigned by teacher

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

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Year 8 Mathematics Intensive
Work rate calendar (WRC) 2024   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	8 Jul – 12 Jul		**Topic 6 - Statistics** Data collection & Random sampling Samples and population	Classwork as assigned by teacher
2	15 Jul – 19 Jul		Data displays (column graphs, dot plots, stem leaf plots)	Classwork as assigned by teacher
3	22 Jul – 26 Jul		Measures of centre and spread – Mean, Median, Mode, Range Outliers	**Thursday 25 July – Release SA4 PSMT**
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	Unit 3: Statistics & Probability	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** Probability scale Sum of probabilities	**SA4 – Final PSMT** Due date: 5pm Monday 12th August
7	19 Aug – 23 Aug		Complementary events 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 Venn diagrams Two-way tables	Classwork as assigned by teacher
9	2 Sept – 6 Sept		Revision SA5 Exam	**SA5 – Exam – Topic 6 & 7** Due date: 5pm Friday 30th August
10	9 Sept – 13 Sept		Wednesday 11 September — Connect excursion: Years 7–9 **Topic 8 – Linear Patterns & Algebra** Number Laws	Classwork as assigned by teacher

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

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Year 8 Mathematics Intensive
Work rate calendar (WRC) 2024 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	30 Sept – 4 Oct		Factorisation of algebraic expressions HCF in numerical and algebraic expressions	Classwork as assigned by teacher
2	7 Oct – 11 Oct		Monday 7 October — King's Birthday Holiday Cartesian plane Linear Patterns	Classwork as assigned by teacher
3	14 Oct – 18 Oct		Plotting linear relationships Rules for linear relationships Word problems	Classwork as assigned by teacher
4	21 Oct – 25 Oct		Solving equations graphically Solving linear equations algebraically	Classwork as assigned by teacher
5	28 Oct – 1 Nov	Unit 4: Linear Patterns	Solving linear equations algebraically Word problems	Classwork as assigned by teacher
6	4 Nov – 8 Nov		Ratios 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 SA6 Exam	**SA6 – Exam – Topic 8 Due date: 5pm Thursday 21st November**
9	25 Nov – 29 Nov		**Topic 9 – Preparation for Year 9**	
10	2 Dec – 6 Dec		Preparation for Year 9	
11	9 Dec – 13 Dec		Wednesday 11 December — Connect day: Years 7–9 Preparation for Year 9	

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