Year 11 Essential 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		Monday 27 January — Australia Day Holiday **Topic 1 - Number** 1A Understanding ratios and fractions	
2	3 Feb – 7 Feb		Monday 3 February — Brainstorm Productions: Years 7–12 (11am–2pm) 1B Simplifying ratios and fractions 1C Equivalent ratios and fractions	As per Learning Guide
3	10 Feb – 14 Feb		Friday 14 February — Senior orientation day: Years 10–12 1D Dividing quantities in a given ratio 1E Scale values using ratios	As per Learning Guide
4	17 Feb – 21 Feb		2A Understanding rates / 2B Converting units 2C Solving problems using rates and direct proportion / 6B Wages and overtime 6C Income by piecework and commission	As per Learning Guide
5	24 Feb – 28 Feb	Unit 1: Number, data and money	2D Comparisons using rates and determining best value 4A Electricity consumption 4B Calculating energy in food	As per Learning Guide
6	3 Mar – 7 Mar		3A Understanding percentages / 3B Determining an amount as a percentage of another amount 3C Applying percentage increases and decreases 3D Determining overall change in a quantity from multiple percentage changes	As per Learning Guide
7	10 Mar – 14 Mar		**Topic 2 - Representing Data** 5A Classifying data / 5B Categorical data: tables and graphs 5C Numerical data: frequency distribution tables and histograms 5D Dot plots and stem-and-leaf plots	As per Learning Guide
8	17 Mar – 21 Mar		5E Outliers / 5F Comparing how data is presented Revision	As per Learning Guide
9	24 Mar – 28 Mar		**Exams: Year 11** Monday 24 March – Friday 28 March	**FA1 Exam:** To be submitted by 5:00pm Thursday 27 March
10	31 Mar – 4 Apr		Thursday 3 April — Cross country / Fun run: Prep – Year 12 **Topic 3 - Managing Money** Consolidation	As per Learning Guide

Disclaimer: Information contained in this document is correct at time of publishing.

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

Page 1   wrc-11-maths-essential.docx

Year 11 Essential Mathematics
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		Monday 21 April — Easter Monday Tuesday 22 April – Thursday 24 April — School camp: Year 11 Friday 25 April — Anzac Day **Topic 3 - Managing Money** Consolidation and Review	As per Learning Guide
2	28 Apr – 2 May		6A Salaries vs wages 6D Converting income between various time periods 6E Understanding taxation and superannuation	As per Learning Guide
3	5 May – 9 May	Unit 1: Number, data and money	Monday 5 May — Labour Day Introduce FA2 PSMT PSMT Lesson	**FA2 PSMT Released:** Monday 5 May
4	12 May – 16 May		6F Calculating PAYG tax using periodic tax tables 6G Applying tax deductions to find taxable income PSMT Lesson	**FA2 PSMT Checkpoint 1:** To be submitted by 5:00pm Monday 15 May
5	19 May – 23 May		6H Medicare levy 6I Calculating simple tax returns PSMT Lesson	As per Learning Guide
6	26 May – 30 May		PSMT Lesson 7A Investigating utility expenses 7B Investigating personal living expenses	**FA2 PSMT Draft:** To be submitted by 5:00pm Monday 26 May
7	2 Jun – 6 Jun		7C Preparing personal budgets PSMT Lesson PSMT Lesson	As per Learning Guide
8	9 Jun – 13 Jun	Unit 2: Data and Travel	**Unit 2: Topic 1 - Graphs** PSMT Lesson 11A Step graphs and column graphs 11B Pie graphs and picture graphs	**FA2 PSMT Final:** To be submitted by 5:00pm Monday 9 June
9	16 Jun – 20 Jun		11C Line graphs and conversion graphs 11D Two-way tables 11E Misleading graphs	As per Learning Guide
10	23 Jun – 27 Jun		Friday 27 June — Athletics carnival / Sports day: Prep – Year 12 11F Reading and interpreting graphs and tables Consolidate and Preview Term 3	As per Learning Guide

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

Page 2   wrc-11-maths-essential.docx

Year 11 Essential Mathematics
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		**Topic 1 - Graphs** 12A Determining the best graph for a dataset 12B Using spreadsheets for tables and graphs	As per Learning Guide
2	21 Jul – 25 Jul		PSMT Introduction PSMT Lesson 12C Graphing continuous change	**FA3 PSMT Released** Monday 21 July As per Learning Guide
3	28 Jul – 1 Aug		12C Graphing continuous change PSMT Lesson 13A Using and interpreting graphs in practical situations	**FA3 PSMT Checkpoint 1** To be submitted by 5.00pm Monday 28 July As per Learning Guide
4	4 Aug – 8 Aug		PSMT Lesson 13B Drawing graphs from data by hand and using technology	As per Learning Guide
5	11 Aug – 15 Aug	Unit 2: Data and Travel	Wednesday 13 August —Royal Queensland (Ekka) Show Holiday PSMT Lessons 13C Interpreting linear functions	**FA3 PSMT Draft** To be submitted by 5.00pm Monday 11 August As per Learning Guide
6	18 Aug – 22 Aug		PSMT Lessons	As per Learning Guide
7	25 Aug – 29 Aug		**Topic 2 - Data Collection** PSMT Lesson 9A Investigating a census 9B Surveys and simple random sampling	**FA3 PSMT Final** To be submitted by 5.00pm Monday 25 August As per Learning Guide
8	1 Sept – 5 Sept		Friday 5 September — Student free day 9C Systematic sampling 9D Stratified sampling	As per Learning Guide
9	8 Sept – 12 Sept		9E Identifying target populations 9F Questionnaire design principles Consolidation	As per Learning Guide
10	15 Sept – 19 Sept		**Exams: Year 11** Monday 15 September – Friday 19 September Friday 19 September — Connect day: Years 11–12	

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

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Year 11 Essential Mathematics
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 2: Data and Travel	Monday 6 October — King's Birthday Holiday **Topic 2 - Data Collection** 10A Faults and errors in data collection 10B Misrepresentation of the results / 10C Misrepresentation in surveys	As per Learning Guide
2	13 Oct – 17 Oct		**Topic 3 - Time and Motion** 14A Units of time and representing time 14B Calculating time intervals 14C Interpreting timetables and finding the best route	As per Learning Guide
3	20 Oct – 24 Oct		**Topic 3 - Distance** 14D Comparing travel times with various modes of transport 14E Interpreting complex timetables 15A Expressing speed as a rate and finding average speed	As per Learning Guide
4	27 Oct – 31 Oct		**Topic 3 - Speed** 15B Investigating distances through trial and error or systematic methods 15C Applying direction to distances 16A Calculating food energy and energy used in exercise	As per Learning Guide
5	3 Nov – 7 Nov		16B Using the speed formula to calculate average speed, the distance and time 16C Calculating journey time and costs using maps 16D Interpreting distance versus time graphs	As per Learning Guide
6	10 Nov – 14 Nov		Revision	As per Learning Guide
7	17 Nov – 21 Nov		Friday 21 November — Aquatic carnival: Prep – Year 11 Revision	
8	24 Nov – 28 Nov		Friday 28 November — Final day: Years 10–11 **Exams: Year 11** Monday 24 November – Friday 28 November	**FA4 Exam:** To be submitted by 5:00pm Thursday 27 November
9	1 Dec – 5 Dec			
10	8 Dec – 12 Dec			

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