

# Year 10 Mathematics Foundations

## 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.

| <b>Assessment</b>                |                 |   |   |  |
|----------------------------------|-----------------|---|---|--|
| <b>Supervised assessment</b>     |                 | Summative exams are to be supervised by the student's official exam supervisor. |   |  |
| <b>Non-supervised assessment</b> |                 | Students must sign declaration of academic integrity.                           |   |  |
| Week                             | Dates           | Unit  | Topic   | Class work / Assessment to be submitted      |
| 1                                | 27 Jan – 31 Jan | Unit 1: Number and Measurement  | Monday 27 January — Australia Day Holiday                           | PAT-M Testing                                |
|                                  |                 |   | Tuesday 28 January - Welcome calls for students: Prep – Year 12     |  |
|                                  |                 |   | Wednesday 29 January - Learning for success: Prep – Year 12         |  |
| 2                                | 3 Feb – 7 Feb   |   | Monday 3 February – Brainstorm Productions: Years 7-12 (11am – 2pm) | As per Learning Guide                        |
|                                  |                 |   | <b>Topic 1: Number</b>  |  |
|                                  |                 |   | Rounding decimals<br>Approximating                                  |  |
| 3                                | 10 Feb – 14 Feb |   | Friday 14 February — Senior orientation day: Years 10–12            | As per Learning Guide                        |
|                                  |                 |   | Estimating<br>Consequences  |  |
| 4                                | 17 Feb – 21 Feb |   | <b>Topic 2: Measurement 1 – Surface Area and Volume</b>             | SA1 Project Released:<br>Tuesday 18 February |
|                                  |                 |   | Scale Drawings and plans<br>Chapter 10<br>Project Introduction      |  |
| 5                                | 24 Feb – 28 Feb | Perimeter   | As per Learning Guide   |  |
|                                  |                 | Project – Drawings and direction  |   |  |
| 6                                | 3 Mar – 7 Mar   | Area  | As per Learning Guide   |  |
|                                  |                 | Surface Area<br>Chapter 6   |   |  |
| 7                                | 10 Mar – 14 Mar | Surface Area  | SA1 Project Draft:<br>To be submitted by 5.00pm<br>Tuesday March 11 |  |
|                                  |                 | Chapter 6<br>Project – Surface Area   |   |  |
| 8                                | 17 Mar – 21 Mar | Volume  | As per Learning Guide   |  |
|                                  |                 | Chapter 6   |   |  |
| 9                                | 24 Mar – 28 Mar | Volume  | As per Learning Guide   |  |
|                                  |                 | Chapter 6<br>Project - Volume   |   |  |
| 10                               | 31 Mar – 4 Apr  | Thursday 3 April — Cross country / Fun run: Prep – Year 12                      | SA1 Project Final:<br>To be submitted by 5.00pm<br>Tuesday April 1  |  |
|                                  |                 | Project - Finalisation  |   |  |

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## Term 2

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| Assessment                       |   |
|----------------------------------|---|
| <b>Supervised assessment</b>     | Summative exams are to be supervised by the student's official exam supervisor. |
| <b>Non-supervised assessment</b> | Students must sign declaration of academic integrity.                           |

| Week | Dates           | Unit   | Topic   | Class work / Assessment to be submitted |
|------|-----------------|--|---|---|
| 1    | 21 Apr – 25 Apr | Unit 2: Measurement  | Monday 21 April — Easter Monday   | As per Learning Guide                   |
|      |                 |  | Friday 25 April — Anzac Day   |   |
|      |                 |  | <b>Topic 3: Measurement 2 – Pythagoras Theorem and Trigonometry</b><br>Pythagoras' problems in survey and design<br>Chapter 5 |   |
| 2    | 28 Apr – 2 May  |  | Trigonometric problems in survey and design<br>Chapter 5  | As per Learning Guide                   |
| 3    | 5 May – 9 May   |  | Monday 5 May — Labour Day   | As per Learning Guide                   |
|      |                 |  | Direction and navigation<br>Chapter 5   |   |
| 4    | 12 May – 16 May |  | Angles of elevation and depression<br>Chapter 5   | As per Learning Guide                   |
| 5    | 19 May – 23 May |  | Revision Estimation and Scales  | As per Learning Guide                   |
| 6    | 26 May – 30 May |  | Revision Surface Area and Volume  | As per Learning Guide                   |
| 7    | 2 Jun – 6 Jun   |  | Revision Pythagoras and Trigonometry  | As per Learning Guide                   |
| 8    | 9 Jun – 13 Jun  | Revision Directions and angles of Elevation and Depression | <b>SA2 Exam:</b><br>To be submitted by 5.00pm<br>Monday June 9  |   |
| 9    | 16 Jun – 20 Jun | Unit 3: Statistics   | <b>Topic 4: Statistics</b><br>Statistical reports   | As per Learning Guide                   |
| 10   | 23 Jun – 27 Jun |  | Friday 27 June — Athletics carnival / Sports day: Prep – Year 12<br>Ethics and bias in statistics                             | As per Learning Guide                   |

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### Term 3

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| Assessment                       |                   |   |   |  |
|----------------------------------|-------------------|---|---|--|
| <b>Supervised assessment</b>     |                   | Summative exams are to be supervised by the student's official exam supervisor. |   |  |
| <b>Non-supervised assessment</b> |                   | Students must sign declaration of academic integrity.                           |   |  |
| Week                             | Dates             | Unit  | Topic   | Class work / Assessment to be submitted                                  |
| 1                                | 14 Jul – 18 Jul   | Unit 3: Statistics  | <b>Topic 4: Statistics</b><br>Scatterplots<br>Chapter 13  | As per Learning Guide  |
| 2                                | 21 Jul – 25 Jul   |   | Scatterplots – graphing Excel<br>PSMT – Overview  | <b>SA3 PSMT Released:</b><br>Tuesday 22 July                             |
| 3                                | 28 Jul – 1 Aug    |   | Wednesday 30 July — Friday 1 August - SET plan meetings: Year 10<br>PSMT – Formulate a plan<br>PSMT Class Time  | As per Learning Guide  |
| 4                                | 4 Aug – 8 Aug     |   | PSMT – Solve the problem<br>PSMT – Class Time   | As per Learning Guide  |
| 5                                | 11 Aug – 15 Aug   |   | Wednesday 13 August — Royal Queensland (Ekka) Show Holiday<br>PSMT – Evaluate the Solution<br>PSMT – Class Time | <b>SA3 PSMT Draft:</b><br>To be submitted by 5.00pm<br>Tuesday August 12 |
| 6                                | 18 Aug – 22 Aug   |   | PSMT - Draft Feedback<br>PSMT - Communication   | As per Learning Guide  |
| 7                                | 25 Aug – 29 Aug   |   | PSMT Class Time<br>Median and Range<br>Chapter 12   | <b>SA3 PSMT Final:</b><br>To be submitted by 5.00pm<br>Tuesday August 26 |
| 8                                | 1 Sept – 5 Sept   |   | Friday 5 September — Student free day<br>Quartiles<br>Five number summary                                       | As per Learning Guide  |
| 9                                | 8 Sept – 12 Sept  |   | IQR<br>Box plots<br>Chapter 12  | As per Learning Guide  |
| 10                               | 15 Sept – 19 Sept |   | Wednesday 17 September — Connect day: Years 9–10<br>Compare data sets<br>Chapter 12                             | As per Learning Guide  |

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## Term 4

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| Assessment                       |                 |   |   |   |
|----------------------------------|-----------------|---|---|---|
| <b>Supervised assessment</b>     |                 | Summative exams are to be supervised by the student's official exam supervisor. |   |   |
| <b>Non-supervised assessment</b> |                 | Students must sign declaration of academic integrity.                           |   |   |
| Week                             | Dates           | Unit  | Topic   | Class work / Assessment to be submitted |
| 1                                | 6 Oct – 10 Oct  | Unit 4: Algebra and Probability   | Monday 6 October — King's Birthday Holiday  | As per Learning Guide                   |
|                                  |                 |   | <b>Topic 5: Algebra – Financial Maths</b><br>Simple interest                              |   |
| 2                                | 13 Oct – 17 Oct |   | Compound interest<br>Compound interest with different time periods and rates<br>Chapter 9 | As per Learning Guide                   |
|                                  |                 |   | 3   | 20 Oct – 24 Oct                         |
| 4                                | 27 Oct – 31 Oct |   |   |   |
|                                  |                 |   | 5   | 3 Nov – 7 Nov                           |
| 6                                | 10 Nov – 14 Nov |   |   |   |
|                                  |                 |   | 7   | 17 Nov – 21 Nov                         |
| 8                                | 24 Nov – 28 Nov |   |   |   |
|                                  |                 |   | 9   | 1 Dec – 5 Dec                           |
| 10                               | 8 Dec – 12 Dec  |   |   |   |