

**HOD:** Mr McGregor (07) 3291 4204

**Teachers:** Mr Hansen (MAB124A), Mr Bowden (MAB124C and MAB124E), Ms Tapsall (MAB124D), Ms Kerruish (MAB124F), Mr Gibson (MAB124G and MAB124L), Mr Driver (MAB124H), Ms Teirney (MAB124J), Mr Rose (MAB124K), Mr Oberhardt (MAX112Y)



| Week                  | Week beg | Unit  | Concepts/Inquiry Questions/Skills/Topics  | School events and public holidays   | Assessment Type   | Assessment Due Date                           |  |
|-----------------------|----------|---|---|---|-------------------|---|--|
| 1                     | T14/7    | Integration<br>Chapter 4  | Definition of integration   |   |                   |   |  |
| 2                     | 20/7     |   | Area under curves, area between curves  |   |                   |   |  |
| 3                     | 27/7     |   | Applications of integration   | 29/7 Interhouse Athletics   |                   |   |  |
| 4                     | 3/8      | Exponential and Logs<br>Chapter 8   | Compound interest, Past, present and future values  | 4/8 Yr 10,11,12 Parent-Teacher Interviews   |                   |   |  |
| 5                     | 10/8     |   | Annuities, applications of annuities  | 10/8 Class Photos (11&12)<br>11/8 Class Photos (8-10)<br>12/8 Exhibition holiday<br>13/8 Pupil-free day                 |                   |   |  |
| 6                     | 17/8     |   | Annuities, applications of annuities, superannuation  |   |                   |   |  |
| 7                     | 24/8     | Applied Statistics<br>Chapter 5   | Discrete probability  | 27/8 Co-curricular photo day - no assessment  | Assignment Due    | 24 <sup>th</sup> or 25 <sup>th</sup> August   |  |
| 8                     | 31/8     |   | Binomial mean, standard deviation and normal curves   | 1/9, 2/9 QCST   |                   |   |  |
| 9                     | 7/9      | Revision and Exams  |   | 8/9 Yr 8 and 9 Parent-Teacher Interviews<br>9/9 Yr 12 block exams begin   | KAP and MAP EXAMS | 8 <sup>th</sup> to 11 <sup>th</sup> September |  |
| 10                    | 14/9     | Applied Statistics<br>Chapter 5   | Continuous probability, applications  | 16/9 Year 12 block exams finish   |                   |   |  |
| Mid Semester Vacation |          |   |   |   |                   |   |  |
| 1 (11)                | 5/10     | Applied Statistics<br>Chapter 5   | Continuous probability, applications  | No assessment permitted   |                   |   |  |
| 2 (12)                | 12/10    | Rates of Change<br>Chapter 6  | Variables and related rates of change   | 13/10 Immunisations<br>15/10 QCAT testing (½ day)<br>19/10 Pupil-free day   |                   |   |  |
| 3 (13)                | T20/10   |   | Using rates of change to determine maximum volumes/areas  | 22/10 Yr 9 QCAT testing (½ day)<br>23/10 Co-curricular photo day - no assessment  |                   |   |  |
| 4 (14)                | 26/10    | Optimization with Application to Log<br>Chapter 6   | Optimization and applications of rates of change with particular reference to exponential functions | 29/10 Yr 9 QCAT testing (½ day)   |                   |   |  |
| 5 (15)                | 2/11     | Applied Statistical Analysis<br>Chapter 12  | Definitions of statistical hypothesis   |   |                   |   |  |
| 6 (16)                | 9/11     |   | Hypothesis testing and applications   | 10/11 Yr 12 Block exams begin   |                   |   |  |
| 7 (17)                | 16/11    | Revision and Exams  |   | 16/11 Yr 11 block exams begin<br>18/11 Yr 12 blocks finish<br>20/11 Graduation<br>20/11 Last day for assessment Year 10 | KAP and MAP EXAMS | 16 <sup>th</sup> to 19 <sup>th</sup> November |  |
| 8 (18)                | 23/11    |   |   | 25/11 Yr 11 blocks finish<br>27/11 Last day for assessment Years 8 & 9  |                   |   |  |
| 9 (19)                | 30/11    | Alternative Program for Years 8 & 9 students commences Wednesday 2 December and concludes on Friday 11 <sup>th</sup> December. Instruction under the supervision of each Faculty will be delivered. |   |   |                   |   |  |
| 10 (20)               | 7/12     |   |   |   |                   |   |  |