

Year 7 Mathematics Program 2017

| Program Overview | | | | | | | | | | | |
|-----------------------------|---------|--|--|--|-----------------------------------|---|---|--|-----------------------------|--|--|
| Term 1 | | Term 2 | | | Term 3 | | | Term 4 | | | |
| Weeks/ Strand | Content | Weeks/ Strand | Content | Weeks/ Strand | Content | Weeks/ Strand | Content | Weeks/ Strand | Content | | |
| Number & Algebra | 1 | Comparing, adding and subtracting integers. Using four operations with integers. | Number & Algebra | 1 | *NAPLAN revision | M & G | 1 | Revise area formulas Volume of rectangular prisms | Number & Algebra | 1 | Plotting coordinates on a Cartesian planes |
| | 2 | | | 2 | | | 2 | | | Week 3 Investigation | 2 |
| | 3 | | | 3 | NAPLAN | 3 | Sample space for single step experiments and calculating Probability of events. | 3 | | Plotting points from a table of values | |
| | 4 | 4 | Finding percentages of quantity, expressing numbers as percentages of another number. Week 4 Problem Solving | 4 | Week 4 Test 3 | | | | | | |
| | 5 | 5 | Measurement & Geometry | 5 | Statistics and Probability | 5 | | Week 5 Test 1 | | 5 | Plotting linear equations |
| | 6 | 6 | | 6 | | Calculating mean, median, mode and range | | 6 | | Week 6 Exam | |
| | 7 | 7 | | 7 | | Week 6 Exam | 7 | Solving linear equations | | | |
| | 8 | 8 | 8 | Area formulas for triangles, rectangles and parallelograms | 8 | | | | | | |
| | 9 | 9 | 9 | Week 8 Test 3 | 9 | Using mean, median, mode and range to describe data displays. Week 9 Test 2 | 9 | Linear and non-linear relationships | | | |
| | 10 | 10 | 10 | Drawing different views of prisms and 3D solids. | N&A | 10 | Plotting coordinates on a Cartesian planes | | | 10 | |

**** Although the program has been broken into blocks of time devoted to individual content strands, it is expected that concepts and skills that have already been taught are revisited regularly throughout the year during warm up sessions and by devoting whole lessons to revision of concepts on a weekly or fortnightly basis, as it suits your class and the program.*