

Year 9 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 | | | | | | | |
| Number and Function | 1 | Measurement | Algebra and Measurement | 1 | Algebra | Function and Data | 1 | Data | Measurement and Statistics | 1 | Trigonometry | | | | | | |
| | 2 | <ul style="list-style-type: none"> • Pythagorusest Buys | | 2 | <ul style="list-style-type: none"> • Indices using Algebra and zero • Scientific Notation | | 2 | | | <ul style="list-style-type: none"> • Location and Spread • Secondary Data • Numerical v Categorical • Back to back Stem and Leaf | | 2 | <ul style="list-style-type: none"> • Ratios • Problem Solving | | | | |
| | 3 | Week 3 Test 1 | | 3 | Week 2 Problem Solving | | 3 | | | | | 3 | | 3 | | | |
| | 4 | Number | | 4 | | | 4 | | | | | 4 | | 4 | Week 5 Test 3 | | |
| | 5 | <ul style="list-style-type: none"> • Proportion | | 5 | Algebra | | 5 | | | <ul style="list-style-type: none"> • Simplify and Expand • Factorise | | 5 | Week 4 Test 2 | 5 | | | |
| | 6 | Linear Relations | | 6 | Week 5 Test 3 Week 6 Exam | | 6 | | | | | 6 | Function | 6 | Probability | | |
| | 7 | | | 7 | Measurement | | 7 | | | <ul style="list-style-type: none"> • Quadratics • Draw • Solve • Algebraic • Translations | | 7 | | <ul style="list-style-type: none"> • Complementary • Tree Diagrams • 2 Step • “not” and “or” | | | |
| | 8 | | | 8 | | | 8 | | | <ul style="list-style-type: none"> • Surface Area • Volume • Similar Triangles | | 8 | | | | 8 | |
| | 9 | | | 9 | | | 9 | | | Week 9 Test 1 | | 9 | | Week 7 Investigation | | 9 | Week 6 Exam |
| | 10 | | | 10 | | | 10 | | | | | 10 | | | | 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.