

Year 7 Curriculum Overview 2015-16

| | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
|------------------------------------|---|---|---|--|---|---|
| Module | Module 1: Place Value, Addition and Subtraction | Module 2: Place Value, Multiplication and Division | Module 3: Geometry | Module 4: Fractions | Module 5: Application of Algebra | Module 6: Percentages and Statistics |
| Subject Content | <ul style="list-style-type: none"> • Place value (inc. decimals) • Add and subtract (inc. decimals) • Estimation • Perimeter • Word problems | <ul style="list-style-type: none"> • Factors, HCF, multiples, LCM • Multiply and divide (inc. decimals) • Area of rectangle and triangle • Calculate the mean | <ul style="list-style-type: none"> • Draw, measure and name acute and obtuse angles • Find unknown angles (straight lines, at a point, vertically opposite) • Properties of triangles and quadrilaterals | <ul style="list-style-type: none"> • Equivalent fractions • Compare and order fractions and decimals • Change mixed numbers to improper fractions and vice versa • Fraction of a quantity • Multiply and divide fractions | <ul style="list-style-type: none"> • Order of operations • Substitution • Simplifying algebraic expressions • Solve word problems with expressions • Sequences | <ul style="list-style-type: none"> • Read and interpret pie charts • Convert between percentages and fractions and decimals • Percentage of a quantity • Find the whole given the part and the percentage |
| Assessment | <ul style="list-style-type: none"> • Pre-Learning Assessment • Post-Learning Assessment | <ul style="list-style-type: none"> • Pre-Learning Assessment • Post-Learning Assessment • End of Term Test | <ul style="list-style-type: none"> • Pre-Learning Assessment • Post-Learning Assessment | <ul style="list-style-type: none"> • Pre-Learning Assessment • Post-Learning Assessment • End of Term Test | <ul style="list-style-type: none"> • Pre-Learning Assessment • Post-Learning Assessment | <ul style="list-style-type: none"> • Pre-Learning Assessment • Post-Learning Assessment • End of Year Test |
| Cross Curricular Opportunities | | | | | | Science |
| Social, Moral, Spiritual, Cultural | There is always a focus on group work to facilitate learning in maths. Lessons are designed to give students the opportunity to express their ideas and communicate with others. | | | | | |
| Homework | Homework will be set twice a week. This may be related to work students have covered and also work they have yet to start in class. | | | | | |