Maths department homework schedule

Mathematics homework is set regularly and students should expect the equivalent of 2 pieces of homework each week, one of which may be on mymaths.co.uk. In addition students will be expected to finish off work that they have not completed in lessons along with corrections where necessary to reinforce their learning and build resilience. Homework will usually be selected from a bank according to need decided by the class teacher, alternatives may be used.

|  |  |  |
| --- | --- | --- |
| Year 7 | Topic | Homework selected from |
| Term 1 | Place Value | Defuse the Bomb - Multiplying and Dividing by Powers of 10  Ordering Decimals (with money extension)  Ordering fractions worksheet  Ordering decimals  Completing scales with negative numbers  Olympic ordering decimals  Mymaths.co.uk |
| 4 rules, negatives & decimals | Calculating with negatives  Multiplication methods  Negative numbers code breaker  Temperature  Mymaths.co.uk |
| Averages | Averages PRET  Averages problems  Comparing data  Missed appointments  Mymaths.co.uk |
| Measures and area | Choosing the correct metric measurement  Converting metric units  Area of rectangles  Conversion graphs  Metric and imperial measure  Measure a line accurately  Mymaths.co.uk |
| Expressions, equations and formulae | Expressions (various)  Collecting like terms  Rearranging formulae  Function machines  Mymaths.co.uk |
| Geometrical reasoning | Clockwise or anticlockwise  Clock face angles  Naming angles  Angles about a point  Estimate and draw angles  Identify parallel and perpendicular lines  Mymaths.co.uk |

|  |  |  |
| --- | --- | --- |
| Year 8 | Topic | Homework |
| Term 1 | Powers of ten and rounding | Approximation mixed  Match calculations  PRET rounding  Rounding challenges  Mymaths.co.uk |
| Averages and measures of spread | All averages from list  Compare averages and range  Mean from a frequency table  Frequency table  Mymaths.co.uk |
| Expressions and formulae | Dot to dot substitution with negatives  Collecting like terms  Expressions for perimeter and area  Writing an expression  Rearranging and substituting  Mymaths.co.uk |
| Angles and constructions | Classify triangles  Angles of polygons  Angles and parallel lines  Identify properties of a quadrilateral  Mymaths.co.uk |
| Fractions, decimals and percentages | Adding and subtracting fractions  Fraction of amounts (proof)  Ordering fractions  Converting between fractions and decimals  Percentage increase and decrease  Mymaths.co.uk |
| Sequences and the nth term | Mixed linear sequences  nth term from patterns  quadratic nth term  generate a linear sequence  find and apply the nth term  Mymaths.co.uk |