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| | Fractions | One quantity as a fraction of another Number operations with fractions and mixed numbers Algebraic fractions | |
| Summer term 1 April – May | Graphs Ratio and Proportion Number Sequences | Drawing linear graphs from tables and equations- gradient and cover up method ($ax \pm by = c$) Finding gradients and equations of lines Parallel and perpendicular graphs Real life uses of graphs Solving Simultaneous equations with graphs Step graphs Ratio Direct Proportion Better buys Continuing patterns and finding nth term Special sequences(even, odd, cube, triangular, Fibonacci) Nth term for quadratic sequences | Topic Test on all topics |
| Summer term 2 June – July | Transformations, Constructions and Loci Scale Drawings and Bearing Problem Solving | Rotational and reflectional symmetry Transformations (reflection, rotation, translation, enlargements and combinations) Congruent Triangles Bisectors Loci problems Plans and elevations Reading scale drawings and maps Drawing Scale drawings Application of scale drawings and bearings Combining skills to solve problems- numerical and word based | Year 9 exams, covering whole year teaching |