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| Half Term 1A  Focus: Congruence, Similarity and Enlargement.  End of Term Assessment: Topic Assessments Star Assessment Higher Level Marking and Feedback | | | | | | | |
| Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 |
| Start of Topic AssessmentEnlarge a shape by a positive integer scale factor (R)Enlarge a shape by a fractional scale factor ®   Marking and Feedback | Enlarge a shape by a negative scale factor (H)Identify similar shapes.Work out missing sides and angles in a given pair of similar shapes. Marking and Feedback | Use parallel line rules to work out missing angles (REstablish a pair of triangles are similar.Explore areas of similar shapes (1) (H) Marking and Feedback | Explore areas of similar shapes (2) (H)Explore volumes of similar shapes (H) Marking and Feedback | Solve mixed problems involving similar shapes (H)Understand the difference between congruence and similarity. Marking and Feedback | Understand and use conditions for congruent triangles.Prove a pair of triangles are congruent (H) Star Assessment  Marking and Feedback | Topic Revson  End of Topic Assessment |  |

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| Half Term 1B  Focus: Representing solutions of equations and inequalities  End of Term Assessment: Topic Assessments Star Assessment Higher Level Marking and Feedback | | | | | | | |
| Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 |
| Start of Topic AssessmentUnderstand the meaning of a solution.Form and solve one-step and two-step equations. Marking and Feedback | Form and solve one-step and two-step inequalities.Show solutions to inequalities on a number line. Marking and Feedback | Interpret representation on number lines as inequalities.Represent solutions to inequalities using set notation (H)Draw straight line graphs. Marking and Feedback | Find solutions to equations using straight line graphs.Represent solutions to single inequalities on a graph (H)Represent solutions to multiple inequalities on a graph (H) Marking and Feedback | Form and solve equations with unknowns on both sides.Form and solve inequalities with unknowns on both sides.Form and solve more complex equations and inequalities. Marking and Feedback | Solve quadratic equations by factorisation (H)Solve quadratic inequalities in one variable (H) Star Assessment  Marking and Feedback | Revision  End of Topic Assessment |  |

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| Half Term 2A  Focus: Angles and Bearings and Working with Circles  End of Term Assessment: Topic Assessments Star Assessment Higher Level Marking and Feedback | | | | | | | |
| Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 |
| Start of Topic AssessmentUse cardinal directions and related angles (R)Draw and interpret scale diagrams (R) Marking and Feedback | Understand and represent bearings.Measure and read bearings.Make scale drawings using bearings. Marking and Feedback | Calculate bearings using angle rules.Solve bearings problems using Pythagoras and trigonometry. Solve bearings problems using the sine and cosine rules (H)  Marking and Feedback | Recognise and label parts of a circle (R)Calculate fractional parts of a circle.Calculate the length of an arc. Marking and Feedback | Calculate the area of a sector.Circle theorem: Angles at the centre and circumference (H) Star Assessment  Marking and Feedback | Topic Revision  End of Topic Assessment |  |  |

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| Half Term 2B  Focus: Ratios and Fractions  End of Term Assessment: Topic Assessments Star Assessment Higher Level Marking and Feedback | | | | | | | |
| Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 |
| Start of Topic AssessmentCompare quantities using a ratio (R)Link ratios and fractions (R) Marking and Feedback | Share in a ratio (given total or one part) (R)Use ratios and fractions to make comparisons.Link ratios and graphs Marking and Feedback | Solve problems with currency conversion.Link ratios and scales.Use and interpret ratios of the form 1 : n and n : 1 Marking and Feedback | Solve best buy problems.Combine a set of ratios.Link ratio and algebra Marking and Feedback | Ratio in area problems (H)Ratio in volume problems (H)Mixed ratio problems Star Assessment    Marking and Feedback | Revision  End of Topic Assessment |  |  |

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| Half Term 3a  Focus: Collecting, representing, and interpreting data  End of Term Assessment: Topic Assessments Star Assessment Higher Level Marking and Feedback | | | | | | | |
| Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 |
| Start of Topic AssessmentUnderstand populations and samples. Construct a stratified sample (H)Primary and secondary data Marking and Feedback | Construct and interpret frequency tables and frequency polygons.Construct and interpret two-way tables (R)Construct and interpret line and bar charts Marking and Feedback | Construct and interpret pie charts (R)Criticise charts and graphs.Construct histograms (H) Marking and Feedback | Interpret histograms (H)Find and interpret averages from a list (RFind and interpret averages from a table (R) Marking and Feedback | Construct and interpret time series graphs (R)Construct and interpret stem-and-leaf diagrams.Construct and interpret cumulative frequency diagrams (H) Star Assessment    Marking and Feedback | Revision  End of Topic Assessment |  |  |

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| Half Term 3B  Focus: Types of Numbers and Sequences and Indices and Roots  End of Term Assessment: Topic Assessments Star Assessment Higher Level Marking and Feedback | | | | | | | |
| Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 |
| Start of Topic Assessment   Understand the difference between factors and multiples.Understand primes and express a number as a product of its prime factors. Marking and Feedback | Find the HCF and LCM of a set of numbers (R)Describe and continue arithmetic and geometric sequences.Explore other sequences. Marking and Feedback | Describe and continue sequences involving surds.Find the rule for the nth term of a linear sequence.Find the rule for the nth term of a quadratic sequence (H) Marking and Feedback | Square and cube numbersCalculate higher powers and roots.Powers of ten and standard form (R) Marking and Feedback | The addition and subtraction rules for indicesUnderstand and use the power zero and negative indices.Work with powers of powers Marking and Feedback | Understand and use fractional indices (H)Calculate with numbers in standard form. Star Assessment  Marking and Feedback | Revision  End of Topic Assessment | End of term |