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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 Assessment Enlarge 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 RevsonEnd 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 Assessment Understand 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 AssessmentMarking and Feedback  | RevisionEnd of Topic Assessment |  |

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| Half Term 2AFocus: Angles and Bearings and Working with CirclesEnd 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 Use 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 RevisionEnd of Topic Assessment |  |  |

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| Half Term 2B Focus: Ratios and FractionsEnd 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 Compare 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 graphsMarking and Feedback | Solve problems with currency conversion.Link ratios and scales.Use and interpret ratios of the form 1 : n and n : 1Marking and Feedback | Solve best buy problems.Combine a set of ratios.Link ratio and algebraMarking and Feedback |  Ratio in area problems (H)Ratio in volume problems (H)Mixed ratio problemsStar Assessment  Marking and Feedback |  Revision End of Topic Assessment |  |  |

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| Half Term 3aFocus: 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 Assessment  Understand populations and samples.Construct a stratified sample (H)Primary and secondary dataMarking 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 3BFocus: 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 powersMarking 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 |