



|            | Autumn 1               | Autumn 2                 | Spring 1                                    | Spring 2                  | Summer 1                  | Summer 2              |
|------------|------------------------|--------------------------|---|---------------------------|---------------------------|-----------------------|
|            | DATA                   | ALGEBRA                  | NUMBER                                      | RATIO/PROPORTION          | MEASURE                   | SHAPE                 |
|            | Mode, Median and       | Functions                | Comparing/simplifying/                      | Simple direct proportion  | Measure and draw angles   | Congruence            |
|            | Range                  |                          | calculations with fractions                 |                           |                           |                       |
|            |                        | Simplifying              |   | Writing and using ratios  | Measure and draw lines    | Enlargements          |
|            | Displaying data.       |                          | Fractions Decimals and                      |                           | with constructions        |                       |
|            | Averages and           | Forming                  | percentages                                 | Ratio, proportion,        | (triangles)               | Symmetry              |
|            | comparing data.        | Cult at ituation         | Development of an amount                    | fractions and percentages |                           | Deflections           |
|            | Line Graphs and Par    | Substitution             | Percentages of an amount                    |                           | Calculating angles        | Reflections           |
|            | Charts                 | LINKING LEARNING         |   | Multiplication and        | Types of quadrilaterals   | Botations             |
|            | Charts                 | Number Machines          | Eactors and Multiples                       | Division                  | Types of quadmaterials    | Notations             |
|            | LINKING LEARNING:      |                          | Equivalence (FDP)                           | 211101011                 | LINKING LEARNING:         | Translations          |
|            | Collecting Data        | NUMBER/MEASURE           |   |                           | Basic Shape and Angle     |                       |
|            | Ordering               | Decimals and rounding    |   |                           | Facts                     | Combined              |
| Year 7     | Graph Work             |                          | PROBABILITY                                 |                           |                           | transformations       |
|            |                        | Length, mass, capacity   | Calculating with                            |                           |                           |                       |
|            | NUMBER                 |                          | probabilities                               |                           | NUMBER/MEASURE            | LINKING LEARNING:     |
|            | Mental Maths           | Scales and measures      |   |                           | Describing and generating | Basic Shape Facts     |
|            |                        |                          | Experimental probability                    |                           | sequences                 |                       |
|            | Addition, subtraction, | Add, subtract multiple   |   |                           |                           |                       |
|            | Multiplication and     | and divide decimals      | Expected outcomes                           |                           | Coordinates and           |                       |
|            | division               | Devive atom and Area     |   |                           | midpoints                 |                       |
|            | Monoy and Time         | Perimeter and Area       | LINKING LEARNING:<br>Fractions Desimals and |                           | Straight line graphs      |                       |
|            | Money and Time         | Estimating with units of | Percentages                                 |                           | Straight line graphs      |                       |
|            | Negative numbers       | measure                  | Fercentages                                 |                           | Position to term rules    |                       |
|            | Negative numbers       | measure                  |   |                           |                           |                       |
|            | Factors/multiples/     | LINKING LEARNING:        |   |                           | LINKING LEARNING:         |                       |
|            | primes/Square          | Metric Measures (basic   |   |                           | Number and Shape          |                       |
|            | numbers                | conversions)             |   |                           | Patterns                  |                       |
|            |                        | Shape Facts              |   |                           |                           |                       |
|            | LINKING LEARNING:      |                          |   |                           |                           |                       |
|            | Number bonds           |                          |   |                           |                           |                       |
|            | 4 Operations           |                          |   |                           |                           |                       |
|            |                        |                          |   |                           |                           |                       |
| Assessment | Arrival baseline       | End of term cumulative   |   | End of term cumulative    |                           | End of year KS3       |
|            | assessment             | KS3 assessment           |   | KS3 assessment            |                           | cumulative assessment |





| SEWAY      |                       |                            |                          | 01485                    |                             |                         |
|------------|-----------------------|----------------------------|--------------------------|--------------------------|-----------------------------|-------------------------|
|            | NUMBER                | DATA                       | FURTHER DATA             | SHAPE                    | NUMBER                      | NUMBER                  |
|            | Calculations (mental  | Pie Charts                 | Conversion graphs        | Types of quadrilaterals  | Ordering fractions          | Converting and          |
|            | and written)          |                            |                          |                          |                             | comparing Fractions     |
|            | including division    | Creating and using tables  | Distance Time graphs     | Angles in parallel lines | Calculations with           | percentages and decima  |
|            |                       |                            |                          |                          | fractions                   | (including recurring    |
|            | Negative numbers      | Comparing data in various  | Line graphs              | Interior and exterior    |                             | decimals)               |
|            |                       | diagrams                   |                          | angles                   | Understanding, using and    |                         |
|            | Powers and roots      |                            | Further real life graphs |                          | calculations with mixed     | Percentages of an amoun |
|            | Multiples and factors | Scatter Diagrams           |                          | Forming and solving      | numbers                     |                         |
|            |                       |                            | Graphs of curves         | geometric equations      |                             | Percentage              |
|            | LINKING LEARNING:     | Misleading graphs          |                          |                          | LINKING LEARNING:           | increase/decrease       |
|            | BIDMAS                |                            | NUMBER                   | LINKING LEARNING:        | Factors and Multiples       |                         |
| Year 8     |                       | LINKING LEARNING:          | Ordering and rounding    | Basic Shape and Angle    | -                           | Multiplier methods with |
|            | SHAPE                 | Collecting Data            | decimals                 | Facts                    |                             | percentages             |
|            | Area of shapes        | Basic Angle Facts (Circle) |                          | Symmetry                 | <b>RATIO and PROPORTION</b> |                         |
|            |                       |                            | Place value calculations |                          |                             | LINKING LEARNING:       |
|            | Volumes               |                            |                          |                          | Straight line graphs –      | Key Percentages (10%    |
|            |                       | ALGEBRA                    | Calculations with        |                          | plotting, direct            | etc)                    |
|            | 2D/3D Shapes          | Powers                     | decimals                 |                          | proportion, gradients and   | ,                       |
|            | ,                     |                            |                          |                          | equations of straight lines |                         |
|            | Surface Area          | Expressions and brackets   | Ratio and proportion     |                          |                             |                         |
|            |                       |                            | (with decimals)          |                          | LINKING LEARNING:           |                         |
|            | Converting measures   | Factorising                | (                        |                          | Axes and Scales             |                         |
|            | converting measures   | i decentioning             | LINKING LEARNING:        |                          | knowledge                   |                         |
|            | LINKING LEARNING      | One and Two step solving   | Rounding Numbers         |                          | hitemeage                   |                         |
|            | Basic Shane Facts     | one and two step solving   | (Whole number negrest    |                          |                             |                         |
|            | Dusic Shape Tues      | Balancing equations        | 10 etc)                  |                          |                             |                         |
|            |                       | balancing equations        | 10 210)                  |                          |                             |                         |
|            |                       |                            |                          |                          |                             |                         |
|            |                       | LINKING LEARNING:          |                          |                          |                             |                         |
|            |                       | Powers and Roots           |                          |                          |                             |                         |
|            |                       | Factors and Multiples      |                          |                          |                             |                         |
|            |                       | Algebra Manipulation       |                          |                          |                             |                         |
|            |                       | (Basic)                    |                          |                          |                             |                         |
| Assessment |                       | End of term cumulative     |                          | End of term cumulative   |                             | End of year KS3         |
|            |                       | KS3 assessment             |                          | KS3 assessment           |                             | cumulative assessmen    |
|            | NUMBER                | DATA                       | SHAPE                    | SHAPE                    | SHAPE/ALGEBRA               | SHAPE                   |
|            | Indices               | Surveys                    | Scales                   | Circumference and area   | Y = mx + c                  | Congruent and similar   |
|            |                       | ,                          |                          | of circles               |                             | shapes                  |
|            |                       | Collecting Data            | Basic Constructions      |                          | Straight line graphs        |                         |
|            |                       | concerning Duru            | Busic constructions      |                          |                             |                         |





| SEW/AV     |                            |                           |                            |                             |                            |                           |
|------------|----------------------------|---------------------------|----------------------------|-----------------------------|----------------------------|---------------------------|
| Year 9     | Calculations and estimates | Averages                  | Constructing Triangles     | Pythagoras' Theorem         | Simultaneous equations     | Ratios in triangles       |
|            |                            |                           |                            | Prisms and Cylinders        |                            | Trigonometry              |
|            | Standard Form              | Displaying and analysing  | Accurate scale diagrams    |                             | Quadratic functions        | Sine                      |
|            |                            | data                      |                            | Errors and bounds           |                            | Cosine                    |
|            | LINKING LEARNING:          |                           | LINKING LEARNING:          |                             | Further non-linear graphs  | Tangent                   |
|            | Basic powers and           | Comparing data            | Using a Compass            | LINKING LEARNING:           |                            |                           |
|            | Roots                      |                           |                            | Key Language – Circles,     | PROBABILITY                | Using Trigonometry to     |
|            |                            | LINKING LEARNING:         | NUMBER                     | Triangles and 3D Shape      | Mutually exclusive events  | find angles               |
|            | ALGEBRA                    | Graph work, scales and    | nth term sequences         | Rounding                    |                            |                           |
|            | Solving equations          | axes                      |                            |                             | Experimental and           | Mixing Trigonometry wit   |
|            |                            |                           | Non-linear sequences       |                             | theoretical probability    | Pythagoras                |
|            | Substitution               |                           |                            |                             |                            |                           |
|            |                            | NUMBER/SHAPE              | Inequalities               |                             | Sample space               | LINKING LEARNING:         |
|            | Forming and Solving        |                           |                            |                             |                            | Shape Facts, particularly |
|            |                            | Enlargements              | Solving equations          |                             | Two-way tables             | triangles                 |
|            | Rearranging formulae       |                           |                            |                             |                            |                           |
|            |                            | Percentage change         | Proportion                 |                             | Venn Diagrams              |                           |
|            | Index Laws                 |                           |                            |                             |                            |                           |
|            |                            | Compound Measures         |                            |                             | LINKING LEARNING:          |                           |
|            | Expand and simplify        |                           |                            |                             | Key Language               |                           |
|            |                            | Direct and Inverse        |                            |                             | Fractions, Decimals and    |                           |
|            |                            | Proportion                |                            |                             | Percentages                |                           |
|            |                            | I INKING I FARNING:       |                            |                             |                            |                           |
|            |                            | Congruence and Similar    |                            |                             |                            |                           |
|            |                            | Shapes                    |                            |                             |                            |                           |
|            |                            | Basic Percentages (10%)   |                            |                             |                            |                           |
|            |                            |                           |                            |                             |                            |                           |
| A          |                            | Full of the second states |                            | Full of the second station  |                            | Fuel of the set KCD       |
| Assessment |                            | End of term cumulative    |                            | End of term cumulative      |                            | End of year KS3           |
|            |                            | KS3 assessment            |                            | KS3 assessment              |                            |                           |
|            | HIGHER                     | HIGHER                    | HIGHER                     | HIGHER                      | HIGHER                     | HIGHER                    |
|            | Unit 1                     | Unit 3                    | Unit 5                     | Unit 7                      | Unit 9                     | Unit 11                   |
|            | Powers, decimals,          | Averages and range,       | Angles, polygons, parallel | Perimeter, area and         | Algebra: Solving quadratic | Multiplicative reasoning  |
| Year 10    | HCF and LCM,               | collecting data,          | lines; Right-angled        | volume, plane shapes and    | equations and              | direct and inverse        |
|            | positive and negative,     | representing data         | triangles: Pythagoras and  | prisms, circles, cylinders, | inequalities, solving      | proportion, relating to   |
|            | roots, rounding,           |                           | trigonometry               | spheres, cones; Accuracy    | simultaneous equations     | graph form for direct,    |
|            | reciprocals, standard      | LINKING LEARNING:         |                            | and bounds                  | algebraically              | compound measures,        |





| ECON       | form, indices and    | Mean, Median, Mode        | LINKING LEARNING:          |                           |                          | repeated proportional 🌹   |
|------------|----------------------|---------------------------|----------------------------|---------------------------|--------------------------|---------------------------|
|            | surds                | and Range                 | Basic Shape and Angle      | LINKING LEARNING:         | Unit 10                  | change                    |
|            |                      |                           | Facts – particularly       | Area and Perimeters of    | Probability              |                           |
|            | LINKING LEARNING:    | Unit 4                    | triangles                  | common 2D shapes          |                          | Unit 12                   |
|            | Powers and Roots     | Fractions, percentages,   |                            |                           | FOUNDATION               | Similarity and congruence |
|            |                      | ratio and proportion      | Unit 6                     |                           |                          | in 2D and 3D              |
|            | Unit 2               |                           | Real-life and algebraic    | Unit 8                    | Unit 7                   |                           |
|            | Expressions,         | LINKING LEARNING:         | linear graphs, quadratic   | Transformations;          | Statistics, sampling and | LINKING LEARNING:         |
|            | substituting into    | Key Percentages (10%)     | and cubic graphs, the      | Constructions: triangles, | the averages             | Enlargements              |
|            | simple formulae,     | Equivalent Fractions      | equation of a circle, plus | nets, plan and elevation, |                          |                           |
|            | expanding and        |                           | rates of change and area   | loci, scale drawings and  | LINKING LEARNING:        |                           |
|            | factorising,         | FOUNDATION                | under graphs made from     | bearings                  | Mean, Median, Mode       |                           |
|            | equations, sequences |                           | straight lines             |                           | and Range                | FOUNDATION                |
|            | and inequalities,    | Conclude Unit 2           |                            | FOUNDATION                |                          |                           |
|            | simple proof         |                           | LINKING LEARNING:          |                           |                          | Unit 9                    |
|            |                      |                           | Knowledge of axes and      | Unit 5                    | Unit 8                   | Real-life and algebraic   |
|            | FOUNDATION           | Unit 3                    | scales                     | Equations, inequalities   | Perimeter, area and      | linear graphs             |
|            |                      | Drawing and interpreting  |                            | and sequences             | volume                   |                           |
|            | Unit 1               | graphs, tables and charts |                            |                           |                          | Unit 10                   |
|            | Number, powers,      |                           | FOUNDATION                 | Unit 6                    | LINKING LEARNING:        | Transformations           |
|            | decimals, HCF and    |                           |                            | Angles, polygons and      | Basic Shape Facts        |                           |
|            | LCM, roots and       |                           | Conclude Unit 3            | parallel lines            |                          | LINKING LEARNING:         |
|            | rounding             |                           |                            |                           |                          | Reflections, Symmetry     |
|            |                      |                           | Unit 4                     | LINKING LEARNING:         |                          | and Movements             |
|            | LINKING LEARNING:    |                           | Fractions and percentages  | Basic Shape and Angle     |                          |                           |
|            | Powers and Roots     |                           |                            | Facts                     |                          |                           |
|            | Factors and          |                           | LINKING LEARNING:          |                           |                          |                           |
|            | Multiples            |                           | Key Percentages (10%)      |                           |                          |                           |
|            |                      |                           | Equivalent Fractions       |                           |                          |                           |
|            |                      |                           |                            |                           |                          |                           |
|            | Unit 2               |                           |                            |                           |                          |                           |
|            | Expressions,         |                           |                            |                           |                          |                           |
|            | substituting into    |                           |                            |                           |                          |                           |
|            | simple formulae,     |                           |                            |                           |                          |                           |
|            | expanding and        |                           |                            |                           |                          |                           |
|            | factorising          |                           |                            |                           |                          |                           |
| Assessment |                      | End of term cumulative    |                            | End of term cumulative    |                          | End of year 10 KS4        |
|            |                      | KS4 assessment            |                            | KS4 assessment            |                          | assessment                |
|            |                      |                           |                            |                           |                          |                           |





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|---------|---------------------------------|----------------------------|--|-----------------------------|--------------------------|--|
|         | HIGHER                          | HIGHER                     | HIGHER   | HIGHER                      | HIGHER                   |  |
|         | Unit 13                         | Unit 15                    | Unit 17  | Unit 19                     | Conclude Unit 19 and     |  |
|         | Sine and cosine rules,          | Quadratics, expanding      | Changing the subject of                            | Direct and indirect         | revisit key areas        |  |
|         | $\frac{1}{a}$ a sin C           | more than two brackets,    | formulae (more complex),                           | proportion: using           | -                        |  |
|         | 2 <sup>2</sup> trigonomotry and | sketching graphs, graphs   | algebraic fractions,                               | statements of               |                          |  |
|         | Bythagoras' Theorem             | of circles, cubes and      | solving equations arising                          | proportionality, reciprocal | FOUNDATION               |  |
|         | in 3D trigonometric             | quadratics                 | from algebraic fractions,                          | and exponential graphs,     |                          |  |
|         | graphs and accuracy             |                            | rationalising surds, proof                         | rates of change in graphs,  | Unit 20                  |  |
|         | and bounds                      | Unit 16                    |  | functions,                  | Rearranging equations,   |  |
|         |                                 | Circle theorems and circle | LINKING LEARNING:                                  | transformations of graphs   | graphs of cubic and      |  |
|         | LINKING LEARNING:               | geometry                   | Algebra Skills                                     |                             | reciprocal functions and |  |
|         | Trianale Facts                  |                            |  |                             | simultaneous equations   |  |
|         | Trigonometry                    | LINKING LEARNING:          | Unit 18  | FOUNDATION                  |                          |  |
|         | Pythagoras                      | Angle Facts                | Vectors and geometric                              |                             | Revisit key areas        |  |
| Year 11 |                                 | Line Facts (Parallel,      | proof  | Unit 17                     |                          |  |
|         |                                 | Perpendicular)             |  | Perimeter, area and         |                          |  |
|         | Unit 14                         |                            | FOUNDATION   | volume 2: circles,          |                          |  |
|         | Statistics and                  |                            | FOUNDATION   | cylinders, cones and        |                          |  |
|         | sampling, cumulative            | FOUNDATION                 | Lipit 15   | spheres                     |                          |  |
|         | frequency and                   | FOONDATION                 | Plans and elevations                               | Linit 18                    |                          |  |
|         | histograms                      | Unit 13                    |  | More fractions              |                          |  |
|         |                                 | Probability                | Unit 16  | reciprocals, standard       |                          |  |
|         | LINKING LEARNING:               | ,                          | Algebra: quadratic                                 | form, zero and negative     |                          |  |
|         | Presenting Data                 | Unit 14                    | equations and graphs                               | indices                     |                          |  |
|         |                                 | Constructions: triangles,  | e que en en el |                             |                          |  |
|         |                                 | nets, plan and elevation,  |  | LINKING LEARNING:           |                          |  |
|         | FOUNDATION                      | loci, scale drawings and   |  | Powers and Roots            |                          |  |
|         |                                 | bearings                   |  |                             |                          |  |
|         | Unit 11                         |                            |  | Unit 19                     |                          |  |
|         | Ratio and Proportion            | LINKING LEARNING:          |  | Congruence, similarity      |                          |  |
|         |                                 | Compass and Ruler Work     |  | and vectors                 |                          |  |
|         | Unit 12                         |                            |  |                             |                          |  |
|         | Right-angled                    |                            |  | LINKING LEARNING:           |                          |  |
|         | triangles: Pythagoras           |                            |  | Knowleage of Snape          |                          |  |
|         | and trigonometry                |                            |  | Englargements               |                          |  |
|         |                                 |                            |  |                             |                          |  |
|         | LINKING LEARNING:               |                            |  |                             |                          |  |
|         | i rianale Facts                 |                            |  |                             |                          |  |





| 11.1 |            |                  |                |  |                |       |  |       |  |  |
|------|------------|------------------|----------------|--|----------------|-------|--|-------|--|--|
| ECON |            |                  |                |  |                |       |  | or Us |  |  |
|      | Assessment | Baseline 1 x non | Full GCSE Mock |  | Full GCSE Mock | GCSEs |  | 1     |  |  |
|      |            | calculator GCSE  | examinations   |  | examinations   |       |  |       |  |  |
|      |            | paper            |                |  |                |       |  |       |  |  |

\*GCSE Content timings in years 10 and 11 can vary to allow for GCSE paper practice and revision\* \*\*Intervention content may be taught to certain students through Years 10 and 11\*\*