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|  |  | Autumn 1 | Autumn 2 | | Spring 1 | Spring 2 | Summer 1 | | | Summer 2 |
| **Foundation** | | | | | | | | | | |
| **Class 1N** | 2021/22 | Essential Skills | Essential Skills | | Essential Skills | Essential Skills | Essential Skills | | | Essential Skills |
| **Class 1T** | 2021/22 | Essential Skills | Essential Skills | | Essential Skills | Essential Skills | Essential Skills | | | Essential Skills |
| **Class 1S** | 2021/22 | Essential Skills | Essential Skills | | Essential Skills | Essential Skills | Essential Skills | | | Essential Skills |
| **Class 1G** | 2021/22 | Essential Skills | Essential Skills | | Essential Skills | Essential Skills | Essential Skills | | | Essential Skills |
| **Key Stage 1** | | | | | | | | | | |
| **Class 1A** | 2021/22 | **Number**- rehearse number formation  Rehearse counting skills  Rehearse number recognition  Sequence numbers  Add and subtract one  **2D Shape-** recognise circles, triangles, squares, rectangles  **Measures - Size** recognise big/small. | **Weighing-** handle heavy / light weights. To be aware of difference between heavy / light.  To name heavy / light.  **Pattern-** copy /continue/devise colour/shape/line 2 step patterns  **Sorting / classifying**- sort by colour/shape/size | | **Number-** rehearse number formation, counting skills & number recognition  Sequence numbers  Add and subtract one.  Observe and handle coins to 10p.  Begin to recognise coins  **3d shape**- handle a range of 3d shapes. Explore their properties. Match /sort / recognise cubes, cylinders, cuboids | **Measures- length**- Identify long / short items  Compare objects by length.  Identify “the same length” & use vocabulary  **Capacity** – experience and observe filling / emptying  Predict which containers hold more /less  **Pattern/Position**- copy/continue/devise colour/shape/line 2 step patterns as appropriate/  Understand/use positional vocabulary  **Sorting / classifying**- Sort by colour/shape/size | **Number**- Revisit and revise concepts as appropriate.  Rehearse number formation, counting skills, number recognition & sequence numbers  Add and subtract one.  Observe and handle coins to 10p.  Begin to recognise coins  **2d/3d shape-** Revision of shape concepts | | | **Pattern -** copy /continue/devise colour/shape/line 3 step patterns as appropriate  **Directional language-**understand/use directional vocabulary (Such as stop, go, fast, slow, turn)  **Measures-Time-** understand / use vocabulary associated with time concepts |
|  |  | Autumn 1 | | Autumn 2 | Spring 1 | Spring 2 | | Summer 1 | Summer 2 | |
| **Key Stage 2** | | | | | | | | | | |
| **Class 2WR** | 2021/22 | **Number**-  Assessment  Week 2/3 – Number  Week 6 – Number  **Shape, Space & Measure**-  Week 4/5 – Geometry  **Data Handling**  Week 7 – Sorting ordering and classifying | **Number**-  Week 1 – Number  Week 4 – Number  **Shape, Space & Measure**-  Week 2/3 – Measurement  Week 5/6 – Pattern  Week 7 - Money | | **Number-**  Week 1 – Number  Week 4 – Number  **Shape, Space & Measure**-  Week 2/3 – Measurement  Week 5/6 – Pattern  Week 7 - Money | **Number-**  Week 2 – Number  Week 3 – Fractions  Week 6 - Number  **Shape, Space & Measure**-  Week 1 – Geometry  **Data Handling**  Week 4 – Sorting, ordering and classifying  Week 5 – Graphs | **Number**-  Week 1 – Number  **Shape, Space & Measure**-  Week 2 – Time  Week 3 – Geometry  Week 4 – Time  Week 5 - Money | | | **Number-**  Week 2/3 – Number  Week 6/7 – Assessment  **Shape, Space & Measure**-  Week 1 – Money  **Data Handling**  Week 4 – Probability  Week 5 – Graphs |
| **Class 2BL** | 2021/22 | **Number & Measurement**  **Number -**  Counting to 100, rhymes, writing numbers inc typing numbers, representing numbers  **Measurement -** Long and short, tall and short, heavy and light, more or less, comparing mass size and capacity. | **Number & Shape & Space**  **Number –**Comparing. Fewer, same and more (dots, pictures, numbers.)Number lines (before, after, between,) tally marks, adding and subtracting (one more/one less.)  **Shape & Space -**Identify2D/3D shapes, counting and comparing sides and corners, relate planar and solid figures, geometry of everyday shapes, symmetry. | | **Number**  **Number -** Names of numbers (e.g. 10/ ten.) Number sequences (smallest-largest, least-greatest, filling in gaps.)  **Sorting, ordering and classifying -** Same and different, classifying by colour, Venn diagrams.  **Patterns -** 2 step and 3 step patterns, similar patterns, growing patterns | **Number & Data Handling**  **Number -** Partitioning numbers (tens and ones to 30.)  **Fractions -** Identify thirds, halves, quarters and equal parts.  **Making graphs.** | **Number, Shape, Space & Measure**  **Number -** Counting in 2s, 5s and 10s.  **Positions** - Inside and out, left middle right, top middle bottom, above and below, location in a 3x3 grid.  **Time -** Match clocks and times, read clocks and time, read clocks and write times, times of everyday events, match analogue and digital clocks, seasons, AM/PM | | | **Number,Money &**  **Probability**  **Number -** Consolidation of number.  **Money -** Coin values (1p, 2p, 5p, 10p,) counting coins up to 10p, equivalent coins, comparing two groups of coins e.g. which has more?  **Probability.** |
| **Class 2WI and 2SH** | 2021/22 | **Number:**  Number and place value  Addition & Subtraction, (+), subtraction (-) and equals (=) signs  add and subtract one-digit and two-digit numbers to 20  **Shape:**  2D shape, recognise and name common 2D shapes including rectangles  **Measures:**  Time quicker, slower, earlier, later  To tell the time to five minutes, including quarter past/to the hour  Draw the hands on a clock face | **Number**:  place value: counting and comparing numbers  Addition and Subtraction(simple one-step problems)  **Measures:**  Money, recognise and know the value of different denominations of coins and notes.  Length, long/short, longer/shorter, tall/short,  double/half  **Data Handling**  Interpret and construct simple pictograms, tally charts, block diagrams and simple tables. | | **Number:**  Number and place value, language of: equal to, more than, less than (fewer), most, least.  Addition  Multiplication, identify doubles to 20  **Shape:**  3D shape, recognise and name common 3D shapes including cuboids, pyramids and spheres  **Measures: Mass**  compare, describe and solve practical problems  heavy/light, heavier than, lighter than | **Number:**  counting and comparing numbers  Equal to, more than, less than (fewer), most, least. (T &U)  Subtraction  Division, sharing and grouping  **Fractions:**  Recognise, find and name a half as one of two equal parts  **Measures: Time**  Sequence events into chronological order using language such as before, after, next, today, yesterday, tomorrow, morning, afternoon and evening. | **Number:**  Addition  Multiplication, solve one step problems involving multiplication calculating the answer using concrete objects, pictorial representations and arrays  **Measures: Time**  Recognise and use language relating to dates, including days of the week, weeks, months and years  **Shape:**  To order and arrange combinations of objects and shapes in patterns | | | **Number:**  *Division,* solve one step problems involving division, calculating the answer using concrete objects, pictorial representations and arrays  *Fractions,* recognise, find, name and write fractions ⅓, ¼, ½,2/4 and ¾.  ***Measures:* Capacity** Practical problems for capacity and volume (full/empty, more than/less than, quarter)  **Data Handling:**  Interpret and construct simple pictograms, tally charts, block diagrams and simple tables |

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| **Key Stage 2** | | | | | | | |
| **Class 2MC** | 2020/21 | **Number**-  Place value  Addition & Subtraction  Money problems  Counting  **Shape,Space & Measures-**  Patterns  Measuring  length | **Number**-  Place value and ordering  Finding differences  **Shape, Space & Measures-**  Measuring  Shapes and positions | **Number-**  Two-digit numbers  Doubles and near doubles  **Data Handling-**  Sorting Information  **Shape, Space & Measures**-  Money | **Number-**  Counting patterns  Ordering numbers  Addition and Subtraction  **Shape,Space & Measures-**  Measure (Time) | **Number**-  Comparing and ordering numbers  Addition and Subtraction  **Data Handling-**  Lists and tables  **Shape,Space & Measures-**  Money problems  Capacity  Shapes and positions | **Number-**  Addition  Solving problems  **Shape,Space & Measures-**  Counting patterns  Measuring capacity  Sorting information |
| **Class 6BA** | 2020/21 | **Number & Money**  Numbers to 10 and beyond  Missing numbers  Number squares  Adding  Coin recognition  Making amounts  Using Money | **Number & Measures**  Number and number recognition  Counting amounts  Measuring Capacity  Measuring length | **Number & Measures**  Addition and subtraction  Measuring Mass  Time | **Shape & Space**  2D shapes  Properties of shapes  Making pictures using shapes  Repeating patterns  Positions | **Data Handling,** **Shapes**  Making groups  Collecting information  Creating simple pictograms  3D shapes and properties | **Number**  Ordinal numbers  Number ordering  Adding and Subtracting  Numbers to 30  Counting objects |

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| **Key Stage 3** | | | | | | | | | |
| **3G** | 2021/22 | **Number & Money**  Money  Counting/Number work | | **Number, Shape & Measures**  Continue number work  Weight  Pattern | **Number, Money & Measures**  Continue number work  2D shapes  Repeating patterns | **Number, Shape & Space**  Continue number work  Days/Months/Season  Length/Height | | **Number, Data Handling**  Sorting/Categorising  Pictograms | **Number, Measures**  Counting  Money  Time and the clock |
| **P1 and P2** | 2021/22 | **Number**  Recognize the place value of a digit in a number  Represent numbers in different ways (part-whole, bar models etc)  Counting in steps  Find 10 100 1000 more than a number  Compare and order numbers  Round numbers to the nearest multiple of 10, 100 or 1000  Solve practical problems involving place value  **Addition and subtraction**  Add and subtract numbers using a formal written method  Use inverse methods to check a calculation  Add and subtract using a range of mental methods  Real-life problems involving addition and subtraction | | **Geometry and Measure**  Classify 2D and 3D shapes based on their properties  Draw 2D shapes and make 3D shapes  Identify symmetry within shapes  Reflective symmetry  Identify right angles  Half and quarter turns  **Statistics**  Venn and Carroll diagrams  Create tally charts/ data tables  Create and interpret bar charts and pictograms | **Multiplication and Division**  Multiplication and division facts  Mental methods of multiplication and division  Multiply and divide by 10 100  Multiply 2 or 3 digit numbers by a single digit using a written method  Written methods for division  Use concrete materials to find factor pairs of numbers (extend to knowledge of multiplication tables)  Real life problems involving multiplication and division  **Measures**  Tell time using an analogue clock  Convert between analogue and digital time  Time durations | **Measures**  Convert amounts of money between pounds and pence  Money problems involving change  **Number- fractions**  Recap halves and quarters  Represent fractions visually  Add and subtract fractions (initially with same denominator)  Equivalent fractions  Order fractions by size- using fraction walls  Fractions of amounts | | **Measures**  Capacity, mass and length- measure and convert  Real life problems involving capacity mass and length  Area of simple shapes  Perimeter of 2D shapes in cm and m  Real life problems involving area and perimeter  Temperature and negative numbers | End of year assessments  Revisit key areas of addition, subtraction, multiplication and division  Address any areas of statistics that need to be covered in more depth |
| **P3** | 2021/22 | **Number**  Recognize the place value of a digit in a number  Count in steps of 2, 5, 10 from a given number  Represent numbers in different ways (part-whole, bar models etc)  Order numbers up to 100  Find 10 100 1000 more than a number  Solve practical problems involving place value  **Addition and subtraction**  Add and subtract single digits to/from 2 digit numbers  Use inverse methods to check a calculation  Confidently recall numbers bonds to 10 and 20  Use related number facts to add to 100 (3 + 7 = 10, 30 + 70 = 100)  Real-life problems involving addition and subtraction | | **Addition and subtraction**  Add and subtract single digits to/from 2 digit numbers  Use inverse methods to check a calculation  Confidently recall numbers bonds to 10 and 20  **Geometry and Measure**  Properties of 2D shapes  Properties 3D shapes  Lines of symmetry | **Statistics**  Compare and answer questions about basic diagrams  Venn diagrams  Create and interpret pictograms and bar charts  **Time**  Oclocks, half pasts, quarter past/to  Minutes in hour and half hour | **Measures**  Length- measure to a whole cm using a ruler  Mass- use scales to balance objects  Capacity- how many cups fill a container?  Read scales to work out a capacity amount    **Money**  Recognize different coins  Use different coins to make different amounts  Find change from amounts ranging from 20p to £1 | | **Fractions**  Find halves, quarters and three quarters of shapes  **Position and direction**  Clockwise and anti clockwise turns  **Geometry and measure**  Recap properties of 2D and 3D shapes  Construct models of 3D shapes  **Consolidation**  Revisit place value topics from Autumn term | **End of year assessments**  **Consolidation**  Revisit addition and subtraction topics from autumn term  **Consolidation**  Revisit statistics topics from Spring term  **Consolidation**  Revisit time and money topics from Spring term |
| **P4**  **P5**  **P6** | 2021/22 | **Number-**  Counting on  Recognising numbers  More and less  **Shape and space-** Sorting objects | | **Number-**  Addition and subtraction.  **Data Handling-**  Tally charts, bar graphs, pictograms | **Number-**  Number bonds to 10.  Doubles and halves.  **Shape and Space-** 2D and 3D shapes | **Geometry-**  Position and direction  **Measurement-** capacity, length, weight. | | **Money-**  Recognising money,  Adding money,  change.  **Measurement-** time, days of the week, months of the year. | **Number-**  Odd and even numbers,  Consolidation of number.  **Shape and space-** Properties of shapes |
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| **Key Stage 4** | | | | | | | | | |
| **Q1**  **Q2 Q3**  **AQA Accreditation to Entry Level 1, 2 or 3 as appropriate** | 2021/22 | **Number – Unit 1**  Place Value  Addition & Subtraction  Multiplication & Division  Estimation  Problem Solving  (+,-) | | **Shape, Space and Measures – Unit 4,5**  Time Problems  Units of Time  Calendars  Symmetry  Tessellations  **Handling Data –**  **Unit 7**  Frequency Tables  Bar Charts  Pictograms | **Number – Unit 2**  Rounding  Number Patterns & Sequences  Making Predications  Fractions  Decimals  Negative Numbers  Problem Solving (+,-,x,÷) | **Shape, Space and Measures - Unit 4,5**  AM and PM  24Hour Clocks  Angles  Properties of 2D and 3D shapes, Nets  **Handling Data –**  **Unit 7**  Presenting Information  Extracting information from tables & diagrams | | **Number – Unit 3**  Money Problems  Decimal notation with Money  Using a Calculator  Problem Solving with Money | **Shape, Space and Measures – Unit** 6  Coordinates  Measuring  Reading Scales  Compass Directions  **Handling Data –**  **Unit 7**  Probability  Averages |
| **Q4** | 2021/22 | **Time:**  Days of the week  Months of the year  Hours  **Data Handling:**  Collecting and presenting data  Interpreting data | | **Number:**  Reading/Writing Numbers | **Measures:**  Weight, Length &Capacity  **Measures:**  Recognising 2D/3D Properties of shape.  Position & Direction | **Number:Asdan: Introduction**  Counting to 5, 10 or 20  How many?  **Time/Money:**  Planning an event | | **Data Handling:**  Asdan  Bar charts & Pictograms  **Measures:**  2D and 3D shapes  Position & Direction | **Number:**  Counting to 5, 10 and 20  How many?  Writing/reading  **Money:**  Recognise Coins Amounts & Choose Coins |
| **Money:**  Recognise and Choose Coins  Counting in 1ps  Shopping at cafés | | | | **Number:**  Counting to 5, 10 and 20  Writing/reading numbers  More/Less  How Many? | | | |