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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 formationRehearse counting skillsRehearse number recognitionSequence numbersAdd 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 recognitionSequence numbersAdd 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 itemsCompare objects by length.Identify “the same length” & use vocabulary**Capacity** – experience and observe filling / emptyingPredict 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 numbersAdd 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 – NumberWeek 6 – Number**Shape, Space & Measure**-Week 4/5 – Geometry**Data Handling**Week 7 – Sorting ordering and classifying |  **Number**- Week 1 – NumberWeek 4 – Number**Shape, Space & Measure**-Week 2/3 – MeasurementWeek 5/6 – PatternWeek 7 - Money | **Number-** Week 1 – NumberWeek 4 – Number**Shape, Space & Measure**-Week 2/3 – MeasurementWeek 5/6 – PatternWeek 7 - Money | **Number-**Week 2 – NumberWeek 3 – FractionsWeek 6 - Number**Shape, Space & Measure**-Week 1 – Geometry**Data Handling**Week 4 – Sorting, ordering and classifyingWeek 5 – Graphs | **Number**-Week 1 – Number**Shape, Space & Measure**-Week 2 – TimeWeek 3 – GeometryWeek 4 – TimeWeek 5 - Money | **Number-**Week 2/3 – NumberWeek 6/7 – Assessment**Shape, Space & Measure**-Week 1 – Money**Data Handling**Week 4 – ProbabilityWeek 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 valueAddition & Subtraction, (+), subtraction (-) and equals (=) signsadd 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, laterTo tell the time to five minutes, including quarter past/to the hourDraw the hands on a clock face | **Number**:place value: counting and comparing numbersAddition 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.AdditionMultiplication, 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 problemsheavy/light, heavier than, lighter than | **Number:**counting and comparing numbersEqual to, more than, less than (fewer), most, least. (T &U)SubtractionDivision, 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:**AdditionMultiplication, 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 valueAddition & SubtractionMoney problemsCounting**Shape,Space & Measures-**PatternsMeasuringlength | **Number**-Place value and orderingFinding differences**Shape, Space & Measures-**MeasuringShapes and positions | **Number-**Two-digit numbersDoubles and near doubles**Data Handling-**Sorting Information**Shape, Space & Measures**-Money | **Number-**Counting patternsOrdering numbersAddition and Subtraction**Shape,Space & Measures-**Measure (Time) | **Number**-Comparing and ordering numbersAddition and Subtraction**Data Handling-**Lists and tables**Shape,Space & Measures-**Money problemsCapacityShapes and positions | **Number-**AdditionSolving problems**Shape,Space & Measures-**Counting patternsMeasuring capacitySorting information |
| **Class 6BA** | 2020/21 | **Number & Money**Numbers to 10 and beyondMissing numbersNumber squaresAddingCoin recognitionMaking amountsUsing Money | **Number & Measures**Number and number recognitionCounting amountsMeasuring CapacityMeasuring length | **Number & Measures**Addition and subtractionMeasuring MassTime | **Shape & Space**2D shapesProperties of shapesMaking pictures using shapesRepeating patternsPositions | **Data Handling,** **Shapes**Making groupsCollecting informationCreating simple pictograms3D shapes and properties | **Number**Ordinal numbersNumber orderingAdding and SubtractingNumbers to 30Counting objects |

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| **Key Stage 3** |
| **3G** | 2021/22 | **Number & Money**MoneyCounting/Number work | **Number, Shape & Measures**Continue number workWeightPattern | **Number, Money & Measures**Continue number work2D shapesRepeating patterns | **Number, Shape & Space**Continue number workDays/Months/SeasonLength/Height | **Number, Data Handling**Sorting/CategorisingPictograms | **Number, Measures**CountingMoneyTime and the clock |
| **P1 and P2** | 2021/22 | **Number**Recognize the place value of a digit in a numberRepresent numbers in different ways (part-whole, bar models etc)Counting in steps Find 10 100 1000 more than a number Compare and order numbersRound numbers to the nearest multiple of 10, 100 or 1000Solve practical problems involving place value**Addition and subtraction**Add and subtract numbers using a formal written methodUse inverse methods to check a calculation Add and subtract using a range of mental methodsReal-life problems involving addition and subtraction  | **Geometry and Measure** Classify 2D and 3D shapes based on their propertiesDraw 2D shapes and make 3D shapesIdentify symmetry within shapes Reflective symmetry Identify right angles Half and quarter turns**Statistics** Venn and Carroll diagrams Create tally charts/ data tablesCreate and interpret bar charts and pictograms | **Multiplication and Division** Multiplication and division facts Mental methods of multiplication and divisionMultiply and divide by 10 100Multiply 2 or 3 digit numbers by a single digit using a written methodWritten 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 clockConvert 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 convertReal life problems involving capacity mass and lengthArea of simple shapes Perimeter of 2D shapes in cm and mReal life problems involving area and perimeter Temperature and negative numbers  | End of year assessmentsRevisit 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 numberCount in steps of 2, 5, 10 from a given numberRepresent numbers in different ways (part-whole, bar models etc)Order numbers up to 100Find 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 numbersUse inverse methods to check a calculation Confidently recall numbers bonds to 10 and 20Use 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 numbersUse inverse methods to check a calculation Confidently recall numbers bonds to 10 and 20**Geometry and Measure** Properties of 2D shapesProperties 3D shapesLines of symmetry  | **Statistics** Compare and answer questions about basic diagramsVenn diagrams Create and interpret pictograms and bar charts **Time**Oclocks, half pasts, quarter past/toMinutes in hour and half hour  | **Measures**Length- measure to a whole cm using a rulerMass- use scales to balance objects Capacity- how many cups fill a container?Read scales to work out a capacity amount **Money** Recognize different coinsUse different coins to make different amountsFind 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 shapesConstruct 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 onRecognising numbersMore 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 ValueAddition & SubtractionMultiplication & DivisionEstimationProblem Solving  (+,-) | **Shape, Space and Measures – Unit 4,5**Time ProblemsUnits of TimeCalendarsSymmetryTessellations**Handling Data –** **Unit 7**Frequency Tables Bar ChartsPictograms | **Number – Unit 2**RoundingNumber Patterns & SequencesMaking PredicationsFractionsDecimalsNegative NumbersProblem Solving (+,-,x,÷) | **Shape, Space and Measures - Unit 4,5**AM and PM24Hour ClocksAnglesProperties of 2D and 3D shapes, Nets**Handling Data –** **Unit 7**Presenting InformationExtracting information from tables & diagrams | **Number – Unit 3**Money ProblemsDecimal notation with MoneyUsing a CalculatorProblem Solving with Money | **Shape, Space and Measures – Unit** 6CoordinatesMeasuringReading ScalesCompass Directions**Handling Data –** **Unit 7**ProbabilityAverages |
| **Q4** | 2021/22 | **Time:**Days of the weekMonths of the yearHours**Data Handling:**Collecting and presenting dataInterpreting 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 20How many?**Time/Money:**Planning an event | **Data Handling:**AsdanBar charts & Pictograms**Measures:**2D and 3D shapesPosition & Direction | **Number:**Counting to 5, 10 and 20How many?Writing/reading **Money:**Recognise Coins Amounts & Choose Coins |
| **Money:**Recognise and Choose CoinsCounting in 1psShopping at cafés | **Number:**Counting to 5, 10 and 20Writing/reading numbersMore/LessHow Many? |