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|  |  | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
| **Foundation** |
| **Class 3N and Class 1** | 2020/21 | **Number**- Developing routinesOne or more than oneNumber rhymesHelping to count**Shape & Space-** Pouring sand and waterMatching objects  |  **Number**- Making choicesNumber RhymesHelping to countGrouping objects**Shape & Space-**Introduction to shapes1:1 matchingSorting objects | **Number-** Follow a counting sequence One and lotsHelping to count**Shape & Space**-Putting things in a boxStacking and buildingSize matchingInset trays | **Number-**Threading and countingOne moreNumber rhymesCounting to 5**Shape & Space-**Looking at patternsUsing 2D & 3d shapesSorting objects | **Number**-Number RhymesCounting2 more1 less**Shape & Space-**PositionsSorting objectsSize ordering | **Number-**Number RhymesCountingRecognise 2 and 3Sequencing numbers**Shape & Space-**SequencesDescriptionsSize ordering |
| **Key Stage 1** |
| **Class 2** | 2020/21 | **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 3** | 2020/21 | **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 4** | 2020/21 | **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 5** | 2020/21 | **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 6** | 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 6B** | 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** |
| **7W** | 2020/21 | **Number & Money**Rote countingNumbers to 10 and beyondMissing numbersNumber squaresAdditionPlace valueCoin recognition to £1Making amounts | **Number, Shape & Measures**Number and number recognitionCounting amountsTo know/recognise basic 2D shapesPosition/DirectionMeasuringMeasuring length | **Number, Money & Measures**Continue number workSequencingAddition and subtractionMeasuring MassTimeUsing money | **Number, Shape & Space**Continue number work2D shapesSort shapesProperties of shapesMaking pictures using shapesRepeating patternsPositions | **Number, Data Handling, Shapes**Number OrderingAddition and subtractionCollecting and using dataCreating simple pictograms3D shapes and properties | **Number, Measures**Ordinal numbersNumbers to 100Counting objects to 100Capacity/ Mass/ Length/ Timeusing standard/non-standard units |
| **P1****Use in conjunction with White Rose Year 3 and NC year 3/4** | 2020/21 | Number:Place value Number:Addition and subtraction **\*All work for P1-3 bases its content and progression on White Rose planning and National Curriculum- that is why there are only subject areas without a breakdown of content like in the other year groups.****It is also important to tie this in with the Green Lane assessment scheme\*** | Number: multiplication and division Measurement and shape | Statistics:Base on points Number:Fractions  | Measurement and shape: base on points Number: multiplication and division  | Number: addition and subtraction Statistics: | Revisit areas that still need targeting Make end of year judgements- assessments if appropriate |
| **P2****Use in conjunction with White Rose Year 2 and NC year 2/3** | 2020/21 | Number:Place value Number:Addition and subtraction  | Geometry: shape 2D and 3D Measurement:Length and massNumber: multiplication and division  | Statistics:Graph work based on points Measurement:Based on points Number: addition and subtraction  | Number:Fractions finding halves and quarters Geometry: shape work points  | Measurement:Capacity, scales points Statistics: base on points  | Revisit areas that still need targeting Make end of year judgements- assessments if appropriate |
| **P3** **Use in conjunction with White Rose Year 1 and NC year 1/2** | 2020/21 | Number:Place value Number:Addition and subtraction  | Geometry:Shape- basic 2D and 3D Number: Place value Number:Addition and subtraction | Measurement:Measuring and comparing Statistics: Comparing criteria and simple graphs  | Number: Multiplication and divisionCounting in 2s, 5s, 10sNumber: fractionsFinding halves  | Measurement/ shape:2D and 3D shapes objectives from Statistics:Collecting data, designing graphs  | Revisit areas that still need targeting Make end of year judgements- assessments if appropriate |
| **P4 and P5** | 2020/21 | **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**  | 2020/21 | **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** | 2020/21 | **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? |