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|  |  | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
| **Foundation** |
| **Class 3N** | 2019/20 | **Number** Counting, partitioning and calculatingTalk about, recognise and recreate simple patternsCount reliably up to 10 objectsRecognise numerals 1-9Find 1 more or less than a number from 1-10use the vocabulary involved in adding and subtractingUse language such as ‘more’ or ‘less’ to compare two numbers | **Shape & Space, Data Handling**Handling data and measures Calculating, measuring and understanding shapeUse language such as ‘circle’ or ‘bigger’ to describe the shape and size of solids and flat shapesUse everyday words to describe positionUse language such as ‘greater’, ‘smaller’, ‘heavier’ or ‘lighter’ to compare quantitiesSort familiar objects to identify their similarities and differences | **Number**Counting, partitioning and calculatingSecuring number factsMatch sets of objects to numerals that represent that number of objectsUse language such as ‘more’ or ‘less’ to compare two numbers,Use ordinal numbers in different contextsCount aloud in ones, twos, fives or tens | **Shape & Space, Measure, Data Handling**Handling data and measures, understanding shapeUse familiar objects and common shapes to create and recreate patterns and build modelsUse everyday language related to time; order and sequence familiar events and measure short periods of time | **Number**Counting, partitioning and calculatingSecuring number factsMatch sets of objects to numerals that represent that number of objectsUse language such as ‘more’ or ‘less’ to compare two numbers,Select two groups of objects to make a given total of objectsUse ordinal numbers in different contextsCount aloud in ones, twos, fives or tens | **Shape & Space, Measure, Data Handling**Handling data and measures, understanding shapeUse familiar objects and common shapes to create and recreate patterns and build modelsUse everyday language related to time; order and sequence familiar events and measure short periods of timeCount how many objects share a particular property, presenting results using pictures, drawing or numerals |
| **Class 1** | 2019/20 | **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** | 2019/20 | **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** | 2019/20 | **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** | 2019/20 | **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** | 2019/20 | **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** | 2019/20 | **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** | 2019/20 | **Number & Money**Numbers to 10 and beyondMissing numbersNumber squaresAddingCoin recognitionMaking amounts | **Number, Shape & Measures**Number and number recognitionCounting amountsShapes and propertiesMeasuringMeasuring length | **Number, Money & Measures**Continue number workAddition and subtractionMeasuring MassTimeUsing money | **Number, Shape & Space**Continue number work2D shapesProperties of shapesMaking pictures using shapesRepeating patternsPositions | **Number, Data Handling, Shapes**Number OrderingAddition and subtractionMaking groupsCollecting informationCreating simple pictograms3D shapes and properties | **Number, Measures**Ordinal numbersNumbers to 100Counting objectsCapacityMassLengthTime |

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| **Key Stage 3** |
| **7W** | 2019/20 | **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** | 2019/20 | Number:Place value Number:Addition and subtraction  | Number: multiplication and division Measurement and shapeBased on points 15-19 | Statistics:Base on points 15-19Number:Fractions (points 15-19) | Measurement and shape: base on points 15-19Number: multiplication and division  | Number: addition and subtraction Statistics: based on points 15-19 | Revisit areas that still need targeting Make end of year judgements- assessments if appropriate |
| **P2****Use in conjunction with White Rose Year 2** | 2019/20 | Number:Place value Number:Addition and subtraction  | Geometry: shape 2D and 3D based on points 13-17Measurement:Length and mass13-17Number: multiplication and division  | Statistics:Graph work based on points 13-17Measurement:Based on points 13-17Number: addition and subtraction  | Number:Fractions finding halves and quarters Geometry: shape work points 3-17 | Measurement:Capacity, scales points 13-17Statistics: base on points 13-17 | Revisit areas that still need targeting Make end of year judgements- assessments if appropriate |
| **P3** **Use in conjunction with White Rose Year 1** | 2019/20 | Number:Place value Number:Addition and subtraction  | Geometry:Shape- basic 2D and 3D (points 11-14)Number: Place value Number:Addition and subtraction | Measurement:Measuring and comparing (points 11-14)Statistics: Comparing criteria and simple graphs (points 11-14) | Number: Multiplication and divisionCounting in 2s, 5s, 10sNumber: fractionsFinding halves  | Measurement/ shape:2D and 3D shapes objectives from points 11-14Statistics:Collecting data, designing graphs (points 11-14) | Revisit areas that still need targeting Make end of year judgements- assessments if appropriate |
| **P4** | 2019/20 | **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****Entry Level** | 2019/20 | **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 |
| **Q2 and Q3****ASDAN (Towards indep)****Entry Level** **Unit Awards** | 2019/20 | **Time:** (ASDAN P34)Hours, Half pastQuarter to & past**Data Handling:**Collecting and presenting dataInterpreting data | **Number:** (ASDAN P12)Properties of Numbers.Reading/Writing Numbers**Geometry:**Angles, Pattern & Symmetry | **Measures:**Weight, Length & Capacity**Measures:**(ASDAN P 20)Recognising 2D/3D Properties of shape.Position & Direction | **Number:** (ASDAN P22) Fractions,Decimals & Percentages**Time/Money:**How long is ?Planning an event | **Data Handling:**(ASDAN P42)Collecting and Presenting DataInterpreting Data**Measures:**(ASDAN P26)Position & Direction | **Number:** Counting to 10,20,100How many?Writing/reading Addition/Subtraction**Money:**Recognise Coins Amounts & Choose CoinsShopping/paying bills |
| **Money:**Recognise Coins Amounts & Choose CoinsGiving change to £1, £2Shopping/paying bills | **Number:**Counting to 10, 20, 100Writing/reading numberAddition/SubtractionMultiplying/Dividing 2’s - 10’s  | EL1/2 AQA Unit AwardsExternally set assignmentsASDAN- Towards IndependenceDeveloping Number Skills- Progression |
| **Q4** | 2019/20 | **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 DNS: 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 1p’sShopping at café’s | **Number:**Counting to 5, 10 and 20Writing/reading numbersMore/LessHow Many? |