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|  |  | Autumn 1 | Autumn 2 | | Spring 1 | Spring 2 | Summer 1 | | | Summer 2 |
| **Foundation** | | | | | | | | | | |
| **Class 3N** | 2016/17 | **Number**  Counting, partitioning and calculating  Talk about, recognise and recreate simple patterns  Count reliably up to 10 objects  Recognise numerals 1-9  Find 1 more or less than a number from 1-10  use the vocabulary involved in adding and subtracting  Use language such as ‘more’ or ‘less’ to compare two numbers | **Shape & Space, Data Handling**  Handling data and measures  Calculating, measuring and understanding shape  Use language such as ‘circle’ or ‘bigger’ to describe the shape and size of solids and flat shapes  Use everyday words to describe position  Use language such as ‘greater’, ‘smaller’, ‘heavier’ or ‘lighter’ to compare quantities  Sort familiar objects to identify their similarities and differences | | **Number**  Counting, partitioning and calculating  Securing number facts  Match sets of objects to numerals that represent that number of objects  Use language such as ‘more’ or ‘less’ to compare two numbers,  Use ordinal numbers in different contexts  Count aloud in ones, twos, fives or tens | **Shape & Space, Measure, Data Handling**  Handling data and measures, understanding shape  Use familiar objects and common shapes to create and recreate patterns and build models  Use everyday language related to time; order and sequence familiar events and measure short periods of time | **Number**  Counting, partitioning and calculating  Securing number facts  Match sets of objects to numerals that represent that number of objects  Use language such as ‘more’ or ‘less’ to compare two numbers,  Select two groups of objects to make a given total of objects  Use ordinal numbers in different contexts  Count aloud in ones, twos, fives or tens | | | **Shape & Space, Measure, Data Handling**  Handling data and measures, understanding shape  Use familiar objects and common shapes to create and recreate patterns and build models  Use everyday language related to time; order and sequence familiar events and measure short periods of time  Count how many objects share a particular property, presenting results using pictures, drawing or numerals |
| **Class 1** | 2016/17 | **Number**-  Developing routines  One or more than one  Number rhymes  Helping to count  **Shape & Space-** Pouring sand and water  Matching objects | **Number**-  Making choices  Number Rhymes  Helping to count  Grouping objects  **Shape & Space-**  Introduction to shapes  1:1 matching  Sorting objects | | **Number-**  Follow a counting sequence  One and lots  Helping to count  **Shape & Space**-  Putting things in a box  Stacking and building  Size matching  Inset trays | **Number-**  Threading and counting  One more  Number rhymes  Counting to 5  **Shape & Space-**  Looking at patterns  Using 2D & 3d shapes  Sorting objects | **Number**-  Number Rhymes  Counting  2 more  1 less  **Shape & Space-**  Positions  Sorting objects  Size ordering | | | **Number-**  Number Rhymes  Counting  Recognise 2 and 3  Sequencing numbers  **Shape & Space-**  Sequences  Descriptions  Size ordering |
| **Key Stage 1** | | | | | | | | | | |
| **Class 2** | 2016/17 | **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 3** | 2016/17 | **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 4** | 2016/17 | **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** | 2016/17 | **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 6** | 2016/17 | **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 6P** | 2016/17 | **Number & Money**  Numbers to 10 and beyond  Missing numbers  Number squares  Adding  Coin recognition  Making amounts | **Number, Shape & Measures**  Number and number recognition  Counting amounts  Shapes and properties  Measuring  Measuring length | **Number, Money & Measures**  Continue number work  Addition and subtraction  Measuring Mass  Time  Using money | **Number, Shape & Space**  Continue number work  2D shapes  Properties of shapes  Making pictures using shapes  Repeating patterns  Positions | **Number, Data Handling, Shapes**  Number Ordering  Addition and subtraction  Making groups  Collecting information  Creating simple pictograms  3D shapes and properties | **Number, Measures**  Ordinal numbers  Numbers to 100  Counting objects  Capacity  Mass  Length  Time |

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| **Key Stage 3** | | | | | | | | | |
| **7K** | 2016/17 | **Number & Money**  Rote counting  Numbers to 10 and beyond  Missing numbers  Number squares  Addition  Place value  Coin recognition to £1  Making amounts | | **Number, Shape & Measures**  Number and number recognition  Counting amounts  To know/recognise basic 2D shapes  Position/Direction  Measuring  Measuring length | **Number, Money & Measures**  Continue number work  Sequencing  Addition and subtraction  Measuring Mass  Time  Using money | **Number, Shape & Space**  Continue number work  2D shapes  Sort shapes  Properties of shapes  Making pictures using shapes  Repeating patterns  Positions | | **Number, Data Handling, Shapes**  Number Ordering  Addition and subtraction  Collecting and using data  Creating simple pictograms  3D shapes and properties | **Number, Measures**  Ordinal numbers  Numbers to 100  Counting objects to 100  Capacity/ Mass/ Length/ Time  using standard/non-standard units |
| **P1/**  **P2/**  **P3/ P4** | 2016/17 | **Number:**  Place value  Ordering  Ordinal Numbers  Odd & Even  Counting Patterns  Multiplying by 10 & 100  Using a Calculator | | **Shape & Space:**  2D/3D shapes  Properties of shape.  Position & Direction  **Handling Data;**  Bar Charts  Histograms  Scatter Graphs | **Shape & Space:**  Capacity, Length & Weight  Area & Perimeters  **Number:**  Doubling & Halving | **Shape & Space:**  Time  Hours, Half past  Quarter to & past  **Data Handling:**  Venn/Carroll  Diagrams | | **Data Handling:**  Collecting and Presenting Data  Interpreting Data  **Shape & Space:**  Angles, Pattern & Symmetry  Reflections  **Measures:**  Temperature  Negative Numbers | **Money:**  Recognise Coins Amounts & Change  Shopping  **Number:**  Fractions,  Decimals & Percentages |
| **P5** | 2016/17 | **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**  **Entry Level** | 2016/17 | **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 |
| **Q2**  **ASDAN (Towards indep)**  **Entry Level**  **Unit Awards** | 2016/17 | **Time:** (ASDAN P34)  Hours, Half past  Quarter to & past  **Data Handling:**  Collecting and presenting data  Interpreting 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 Data  Interpreting Data  **Measures:**  (ASDAN P26)  Position & Direction | **Number:**  Counting to 10,20,100  How many?  Writing/reading  Addition/Subtraction  **Money:**  Recognise Coins Amounts & Choose Coins  Shopping/paying bills |
| **Money:**  Recognise Coins Amounts & Choose Coins  Giving change to £1, £2  Shopping/paying bills | | | **Number:**  Counting to 10, 20, 100  Writing/reading number  Addition/Subtraction  Multiplying/Dividing 2’s - 10’s | | | EL1/2 AQA Unit Awards  Externally set assignments  ASDAN- Towards Independence  Developing Number Skills- Progression | |
| **Q3** | 2016/17 | **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 DNS: 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 1p’s  Shopping at café’s | | | | **Number:**  Counting to 5, 10 and 20  Writing/reading numbers  More/Less  How Many? | | | |