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| **EYFS- Yearly Overview 2021-2022** |

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|  | **Mathematics** |
|  | **Nursery: Number through Stories**1: The Gingerbread Man 2.Little Red Riding Hood 3. Goldilocks/Three Little Pigs 4.Wizard of Oz 5. Hungry Caterpillar 6. Jack and the Beanstalk 7. Snow White 8.The Enormous Turnip 9. The Train Ride 10.Ten Little Series **Reception: Following Power Maths Scheme**  | **End of EYFS** |
|  | **Number and Place Value**  | **Addition and Subtraction**  | **Properties of Shapes** | **Position, direction & pattern** |
| **Nursery** | * Says number names to count objects, not necessarily in the right order
* Begin to develop one to one correspondence and say one number name for each object.
* Move or touch objects to count them (1-5)
* Knows that the last number reached when counting tells you how many there is in total.
* Count out specific number of objects from larger group (1-10)
* Knows number names initially to 5 then 10.
* Subitise small amounts arranged in regular pattern
* Uses language ‘more than’ ‘fewer than’ in real world situations.
* Recognises amounts that have been rearranged, if nothing has been added or taken away, then the amount is the same.
* Show ‘finger numbers’ up to 5
* Experiment with their own symbols and marks as well as numerals.
 | * Explore ways that numbers 0-5 can be represented i.e. 4 and 1.
* Solve real world mathematical problems with numbers 0-5.
 | * Explore 2D and 3D shape and their attributes through play such as construction, puzzles, shape sorters.
* Describes shapes using informal language such as ‘fat’ ‘pointy’ ‘corners’ ‘straight’ ‘flat’ ‘round’
 | * Understands and describes position ‘in’ ‘on’ ‘under’
* Understands and uses direction words ‘up’ ‘down’ ‘across’
* Recognise and talk about an AB pattern i.e. red block, blue block, red block, blue block.
* Copy an AB pattern with range of features such as varying objects, size and orientation.
* Notice and correct an error in a repeating AB pattern
 | **Number** Have a deep understanding of number to 10, including the composition of each number; 14 - Subitise (recognise quantities without counting) up to 5; - Automatically recall (without reference to rhymes, counting or other aids) number bonds up to 5 (including subtraction facts) and some number bonds to 10, including double facts.**Numerical Pattern** Verbally count beyond 20, recognising the pattern of the counting system; - Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity; - Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed equally |
| **Reception** | * Counts to 30, forwards and backwards.
* Counts things that cannot be seen, touched or moved.
* Can say number before or after a number, dropping back to one.
* Can stop and start counting in different places (forwards & backwards)
* Subitise small amounts of objects arranged in irregular pattern.
* use the language of: equal to, more than, less than (fewer), most, least
* Compare numbers i.e. 8 is a lot bigger than 2 but 3 is only a little bigger than 2.
* Represent numbers using objects and marks.
* Create marks to represent numerals (1-10 then 1-20)
 | * Automatically recall number bonds for numbers 0-10
* Explore the composition of numbers to 10.
* read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs
* Record different ways a number can be partitioned (into 2 groups or more)
* solve additions and subtractions involving 1 digit numbers, using concrete objects and pictorial representations to support
 | * Explore properties of shapes through play including: curveness, numbers of sides/corners (2D) or edge, faces and vertices (3D)
* recognise and names some common 2-D and 3-D shapes.
 | * Understands and describes position ‘in front’ ‘behind’
* Understands and uses direction words ‘forwards’ ‘backwards’ ‘left & right’
* Recognise, talk about and continue an AB pattern then a more complex pattern such as ABC, ABB, ABBC, AABB.
* Notice and correct an error in a complex repeating pattern
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| **Reception- Yearly Overview 2021-2022** |

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|  | **Week 1** | **Week 2** | **Week 3** | **Week 4** | **Week 5** | **Week 6** | **Week 7** | **Week 8** | **Week 9** | **Week 10** | **Week 11** | **Week 12** |
| **AUTUMN** | **Unit 1: Number and Place value-Numbers to 5** | **Unit 2: Addition and Subtraction- Sorting** | **Unit 3: Number and Place value-Comparing groups within 5** | **Unit 4: Addition and Subtraction- Change within 5** | **Unit 5- Time** | **Consolidation** |
| **SPRING** | **Unit 6: Number bonds to 5** | **Unit 7: Number to 10** | **Unit 8: Comparing numbers within 10** | **Unit 9: Addition to 10** | **Unit 10: Number bonds to 10** | **Unit 11: Shape and Space** | **Consolidation** |
| **SUMMER** | **Unit 12: Explore Patterns** | **Unit 13: Counting on and back** | **Unit 14: Numbers to 20** | **Unit 15: Numerical Patterns** | **Unit 16 Measure:** | **Consolidation** |



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|  | **Week 1** | **Week 2** | **Week 3** | **Week 4** | **Week 5** | **Week 6** | **Week 7** | **Week 8** | **Week 9** | **Week 10** | **Week 11** | **Week 12** |
| **AUTUMN (1A)** | **Unit 1&2: Place Value- Numbers to 10/Part-whole within 10** | **Unit 3&4: Addition and Subtraction within 10** | **Unit 5: Geometry- 2D and 3D shapes** | **Unit 6: Place Value-Numbers to 20** | **Consolidation** |
| **SPRING (1B)** | **Unit 7&8: Addition and Subtraction within 20** | **Unit 9: Place Value-****Numbers to 50** | **Unit 10: Measure- Length and Height** | **Unit 11: Measure-****Weight and Volume** | **Consolidation** |
| **SUMMER (1C)** | **Unit 12&13: Multiplication and Division** | **Unit 14: Fractions (Halves and Quarters)** | **Unit 15: Geometry-Position and Direction** | **Unit 16: Place Value-** **Numbers to 100** | **Unit 17: Time** | **Unit 18: Money** | **Consolidation** |

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| **Year 1- Yearly Overview 2021-2022** |



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| **Year 2- Yearly Overview 2021-2022** |

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|  | **Week 1** | **Week 2** | **Week 3** | **Week 4** | **Week 5** | **Week 6** | **Week 7** | **Week 8** | **Week 9** | **Week 10** | **Week 11** | **Week 12** |
| **AUTUMN (2A)** | **Unit 1: Place Value-Numbers to 100** | **Unit 2 & 3: Addition and Subtraction** | **Unit 4: Money** | **Unit 5: Multiplication and Division** |
| **SPRING (2B)** | **Unit 6: Multiplication and Division** | **Unit 7: Statistics** | **Unit 8: Measure- Length and Height** | **Unit 9: Properties of Shape** | **Unit 10: Fractions**  | **Consolidation** |
| **SUMMER (2C)** | **Unit 11: Geometry-Position and Direction** | **Unit 12: Problem solving and efficient methods** | **Unit 13: Time** | **Unit 14: Measure- Weight, volume and temperature** | **Consolidation** | **Investigations** |

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| **Year 3- Yearly Overview 2021-2022** |



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|  | **Week 1** | **Week 2** | **Week 3** | **Week 4** | **Week 5** | **Week 6** | **Week 7** | **Week 8** | **Week 9** | **Week 10** | **Week 11** | **Week 12** |
| **AUTUMN (3A)** | **Unit 1: Place Value within 1,000** | **Unit 2 & 3: Addition and Subtraction**  | **Unit 4: Multiplication and Division** | **Consolidation** |
| **SPRING (3B)** | **Unit 5: Multiplication and Division**  | **Unit 6: Money** | **Unit 7: Statistics**  | **Unit 8: Measure-Length** | **Unit 9: Fractions**  | **Consolidation** |
| **SUMMER (3C)** | **Unit 10: Fractions**  | **Unit 11: Time** | **Unit 12: Angles and Properties of Shape** | **Unit 13 & 14: Measurement- Mass and Capacity** | **Consolidation** |

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| **Year 4- Yearly Overview 2021-2022** |



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|  | **Week 1** | **Week 2** | **Week 3** | **Week 4** | **Week 5** | **Week 6** | **Week 7** | **Week 8** | **Week 9** | **Week 10** | **Week 11** | **Week 12** |
| **AUTUMN (4A)** | **Unit 1 & 2: Place Value- 4-digit numbers** | **Unit 3: Addition and Subtraction** | **Unit 4: Perimeter** | **Unit 5: Multiplication and Division** | **Consolidation** |
| **SPRING (4B)** | **Unit 6: Multiplication and Division** | **Unit 7: Measure- Area** | **Unit 8 & 9: Fractions** | **Unit 10: Decimals** | **Consolidation** |
| **SUMMER (4C)** | **Unit 11: Decimals** | **Unit 12: Money** | **Unit 13: Time** | **Unit 14: Statistics** | **Unit 15: Geometry- Angles and 2D Shapes** | **Unit 16: Geometry- Position and Direction** | **Consolidation** |

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|  | **Week 1** | **Week 2** | **Week 3** | **Week 4** | **Week 5** | **Week 6** | **Week 7** | **Week 8** | **Week 9** | **Week 10** | **Week 11** | **Week 12** |
| **AUTUMN (5A)** | **Unit 1 & 2: Place Value within 100,000 & 1,000,000** | **Unit 3- Addition and Subtraction** | **Unit 4: Statistics-Graphs and Tables** | **Unit 5: Multiplication and Division** | **Unit 6: Measure- Area and Perimeter** | **Consolidation** |
| **SPRING (5B)** | **Unit 7: Multiplication and Division** | **Unit 8, 9 & 10: Fractions** | **Unit 11: Decimals and Percentages** | **Consolidation** |
| **SUMMER (5C)** | **Unit 12: Decimals** | **Unit 13 & 14: Geometry- Properties of Shape** | **Unit 15: Geometry- Position and Direction**  | **Unit 16: Measure-Converting Measures** | **Unit 17: Measure-Volume and Capacity** | **Consolidation** |

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| **Year 5- Yearly Overview 2021-2022** |



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|  | **Week 1** | **Week 2** | **Week 3** | **Week 4** | **Week 5** | **Week 6** | **Week 7** | **Week 8** | **Week 9** | **Week 10** | **Week 11** | **Week 12** |
| **AUTUMN-(6A)** | **Unit 1: Place Value within 10,000,000** | **Unit 2 & 3: Four Operations** | **Unit 4&5: Fractions** | **Unit 6: Geometry-Position and Direction** | **Consolidation** |
| **SPRING-(6B)** | **Unit 7: Decimals** | **Unit 8: Percentages** | **Unit 9: Algebra** | **Unit 10: Imperial and Metric Units** | **Unit 11: Measure-Perimeter, Area and Volume** | **Unit 12: Ratio and Proportion** | **Consolidation** |
| **SUMMER-(6C)** | **Unit 12: Geometry-Properties of Shape** | **Unit 13: Problem Solving** | **Unit 14: Statistics** | **Investigations** | **Consolidation** |

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| **Year 6- Yearly Overview 2021-2022** |

