## 2022-2023 Maths Curriculum Plan

|  | $\frac{\text { Autumn Term }}{1^{\text {st }} \text { half }}$ | $\frac{\text { Autumn Term }}{2^{\text {nd }}} \text { half }$ | Spring Term $1^{\text {st }}$ half | Spring Term $2^{\text {nd }}$ half | Summer Term $1^{\text {st }}$ half | Summer Term $2^{\text {nd }}$ half |
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| Early Years - Statutory Framework for EY 2021/Development Matters Non Statutory 2020/Reception also links to White Rose Hub Scheme of Work |  |  |  |  |  |  |
| Craig Park | Numbers: <br> Develop counting like behaviour, such as making sounds, pointing or saying some numbers in sequence. <br> Numbers Patterns <br> Take part in finger rhymes with numbers. <br> Shape, Space and Measurement: Combine objects like stacking blocks and cups. Put objects inside others and take them out again.; Daily routine | Numbers: <br> React to changes of amount in a group of up to three times. <br> Shape, Space and Measurement: <br> Complete inset puzzles. <br> Sorting objects <br> Daily routine | Numbers: <br> Recites some numbers in everyday contexts, sometimes skipping numbers '1-2-3-5' (may start using counting behaviours <br> Numbers Patterns <br> Compare amounts saying lots, more <br> Shape, Space and Measurement: <br> Compare size - big/small <br> Daily routine | Numbers: <br> Representing number through objects and marks <br> Numbers Patterns <br> Compare amounts saying lots, more, same <br> Shape, Space and Measurement: <br> Compare height - tall/short <br> Daily routine | Numbers: <br> Fast recognition of up to 2 objects <br> Numbers Patterns <br> Recite numbers in sequence <br> Shape, Space and Measurement: <br> Compare heavy/light <br> Daily routine | Numbers: <br> Begin to link numerals and amounts to 3 <br> Numbers Patterns <br> Recite numbers in sequence up to 3 <br> Shape, Space and Measurement: <br> Notice patterns and arrange things in patterns <br> Daily routine |
| Nursery | Numbers: <br> Show 'finger numbers to $3^{\prime}$ <br> Chanting numbers <br> Number Songs - Counting up <br> Counting anything: Objects, <br> jumps, claps, beats <br> Numbers Patterns <br> Compare quantities using <br> vocabulary: more, less, fewer, <br> same <br> Shape, Space and Measurement: <br> Select shapes appropriately for building or creating pictures and models. <br> Combine shapes to make new ones. <br> Daily routine | Numbers: <br> Show 'finger numbers to 3-5' Link numerals and objects to amounts to 3 <br> Subitise <br> Fast recognition of up to 2 objects (subitise) <br> Say ne number for each item. <br> Numbers Patterns <br> Experient with symbols and marks as well as numerals. <br> Shape, Space and Measurement: <br> Select shapes appropriately for building or creating pictures and models - tabletops <br> Daily routines | Numbers: <br> Show 'finger numbers to 5' <br> Link numerals and objects to <br> amounts to 5 <br> Subitise <br> Fast recognition of up to 3 objects <br> (subitise) <br> Say one number for each item. <br> Numbers Patterns <br> Experient with symbols and marks as well as numerals <br> Shape, Space and Measurement: <br> Make comparisons between objects <br> relating to size, length, weight <br> (mass) and capacity. <br> Daily routines | Numbers: <br> Explore the composition of numbers to 5 <br> Link numerals and objects to amounts to 5 <br> Subitise <br> Fast recognition of up to 3 objects (subitise) <br> Say one number for each item. <br> Numbers Patterns <br> Talk about and identify patterns. <br> Shape, Space and Measurement: <br> Talk about and explore 2D shapes <br> using informal mathematical <br> language. <br> Patterns <br> Sequence events (T4W) <br> Daily routines | Numbers: <br> Automatic recall number bonds. <br> Solve real world maths problems with numbers up to 5. <br> Recite numbers up to 10. <br> Subitise <br> Fast recognition of up to 5 objects (subitise) <br> Say one number for each item. <br> Solve real world maths problems with numbers up to 5 . <br> Numbers Patterns <br> Talk about and identify patterns. <br> Extend and patterns. <br> Shape, Space and Measurement: <br> Understand position through words alone e.g. under, over, on top of, etc. Discuss routes and locations. <br> Sequence events (T4W) <br> Daily routines | Numbers: <br> Explore the composition of numbers to 5. <br> Link numerals and to amounts to 5 <br> Recite numbers to 10 (and beyond) <br> Subitise <br> Fast recognition of up to 5 objects (subitise) <br> Say one number for each time. <br> Solve real world maths problems <br> with numbers up to 5 <br> Numbers Patterns <br> Talk about and identify patterns. <br> Extend and create patterns <br> Notice errors in patterns <br> Shape, Space and <br> Measurement: <br> Talk about and explore 3D shapes using informal mathematical language; Daily routines |
| Reception | WRH - Getting to Know you <br> Settling in <br> Routines <br> Positional language <br> WRH - Just Like Me <br> Match and sort <br> Compare amounts <br> Compare size, mass \& capacity <br> Exploring pattern | WRH - It's me 1,2,3 <br> Representing 1, 2, 3 <br> Comparing 1,2,3 <br> Composition of 1,2,3 <br> Circles and triangles <br> Positional language <br> WRH - Light and Dark <br> Representing numbers to 5 <br> One more or less <br> Shapes with 4 sides; Time | WRH - Alive in 5! <br> Introducing 0 <br> Comparing numbers to 5 <br> Composition of 4 \& 5 <br> Compare mass <br> Compare capacity <br> WRH - Growing 6, 7, 8 <br> Combining two amounts <br> Making pairs <br> Length and height; Time | WRH - Building 9\&10 <br> Combining to 9 and 10 <br> Comparing numbers to 10 <br> Bonds to 10 <br> 3D shapes <br> Spatial awareness <br> Patterns <br> WRH - Consolidation of Learning | WRH - To 20 and beyond Build numbers beyond 10 Count patterns beyond 10 Spatial reasoning Make, rotate, manipulate WRH - First, now, then Adding more Taking away Spatial reasoning 2 Compose and decompose | WRH - Find my pattern Doubling <br> Sharing and grouping <br> Even \& odd <br> Spatial reasoning 3 <br> WRH - On the move <br> Consolidating key skills <br> Deepening understanding <br> Patterns and relationships <br> Spatial reasoning 4; Mapping |


|  | $\begin{gathered} \frac{\text { Autumn Term }}{11^{\text {st }}} \text { half } \\ \hline \end{gathered}$ | $\frac{\text { Autumn Term }}{2^{\text {nd }} \text { half }}$ | Spring Term $1^{\text {st }}$ half | Spring Term $\mathbf{2}^{\text {nd }}$ half | Summer Term $\mathbf{1}^{\text {st }}$ half | Summer Term $\mathbf{2}^{\text {nd }}$ half |
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| KS1 National Curriculum - White Rose Hub Schemes of Work |  |  |  |  |  |  |
| Year 1 | Number and place value within 10 <br> Addition and subtraction within 10 <br> End of units quizzes | Place value within 20 Consolidation End of units quizzes | Addition and subtraction within 20 <br> Place value within 50 <br> End of units quizzes | Length and height Mass and volume Multiplication and division End of units quizzes | Recap multiplication and division Fractions <br> Position and direction <br> Place value to 100 <br> End of units quizzes | Money <br> Shape <br> Time <br> Revision and closing gaps <br> End of units quizzes |
| Year 2 | Number and place value up to 100 <br> Addition and subtraction End of units quizzes | Money <br> Shape <br> End of units quizzes | Multiplication and division <br> Length and height <br> Mass, capacity, <br> temperature <br> End of units quizzes | Fractions <br> Time <br> Statistics <br> End of units quizzes | Position and direction Revision and closing the gaps SATs tests | Maths Enrichment activities Closing the gaps and assessments |
| KS2 National Curriculum - White Rose Hub Schemes of Work |  |  |  |  |  |  |
| Year 3 | Number and place value up to 1000 <br> Addition and subtraction End of units quizzes | Multiplication and division units A\&B Consolidation End of units quizzes | Consolidate 4 operations Length and perimeter Mass and capacity End of units quizzes | Fractions units A\&B End of units quizzes | Recap 4 operations <br> Money (use opportunities using 4 operations) <br> Time <br> End of units quizzes | Shape <br> Statistics <br> Consolidation, revision and summative assessments <br> End of units quizzes |
| Year 4 | Number and place value up to 10000 <br> Addition and <br> subtraction <br> End of units quizzes | Multiplication and division units A\&B End of units quizzes | Consolidate 4 operations <br> Area <br> Length and perimeter <br> End of units quizzes | Fractions <br> Decimals units A\&B <br> End of units quizzes | Consolidate decimals <br> Money <br> Time (incl. Roman numerals) <br> Shape <br> End of units quizzes | Position and direction Statistics <br> Consolidation, revision End of units quizzes |
| Year 5 | Number and place value up to 1000000 <br> Addition and <br> subtraction <br> End of units quizzes | Multiplication and division units A\&B <br> Consolidation <br> End of units quizzes | Consolidate Multiplication <br> Division B <br> Fraction B <br> Decimals and percentages End of units quizzes | Statistics <br> Perimeter and Area <br> Decimals <br> End of units quizzes | Shape <br> Position and direction <br> Negative numbers <br> End of units quizzes | Measurement - converting units <br> Volume <br> Consolidation, revision and End of units quizzes |
| Year 6 | Number and place value 4 operations <br> Fractions A <br> End of units quizzes | Fractions B <br> Measurement - Converting <br> units <br> Ratio <br> End of unit quizzes | Algebra <br> Decimals <br> Fractions, decimals and percentages <br> Statistics | Area. perimeter and volume <br> Statistics <br> Shape <br> Revision and summative assessments | Revision and closing the gaps SATs tests | Maths Enrichment activities Closing the gaps and assessments |

