Sunnybrow Primary School: Maths Medium Term Plan

Class: 4 Term: Autumn 1

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| Subject | Week 1  4/9/23 | Week 2  11/9/23 | Week 3  18/9/23 | Week 4  25/9/23 | Week 5  2/10/23 | Week 6  9/10/23 | Week 7  16/10/23 | Week 8  23/10/23 |
|  | Weeks 2 - 3:  Number: Place Value | | | Weeks 3 – 8:  Number: Four Operations | | | | |
| Maths Y5 | Assessment week  To understand Roman Numerals | To represent and understand numbers to 100,00  To represent and understand numbers to one million  To compare and order numbers to 100,000  To compare and order numbers to 1,000,000 | To round within 100,000  To round within 1,000,000  To count in powers of 10.  To understand negative numbers | To add more than 4-digits  To subtract more than 4 digits  To use the inverse operation  To solve multi-step problems | To understand multiples  To multiply by 10,100,1000  To divide by 10,100,1000  To find multiples of 10, 100, 1000 | To multiply 4-digits by 1-digit  To multiply 2-digits (area model) (2 lessons)  To multiply 2-digits by 2-dgitis | To multiply 3-digits by 2-digits  To multiply 4 digits by 2-digits  To find factors  To find common factors | To ivied 4-digits by 1-dgit  To divide with remainders  To understand prime numbers  To understand square and cube numbers |
| Maths Y6 | Assessment week  To understand Roman Numerals | To represent and understand numbers to 1,000,000  To represent and understand numbers to 10,000,000  To compare and order numbers to 1,000,000  To compare and order numbers | To round within one million.  To round within 10 million  To count in powers of 10  To understand negative numbers. | To add and subtract integers  To use the inverse operation  To solve multi-step problems | To find common multiples  To multiply by 10,100,1000  To divide by 10,100,1000  To find multiples of 10, 100, 1000 | To multiply 4-digits by 1-digit  To multiply 2-digits (area model) (2 lessons)  To multiply 2-digits by 2-digits | To multiply 3-digits by 2-digits  To multiply 4 digits by 2-digits  To find common factors  To use short division | To understand long division (2 lessons)  To understand prime numbers  To understand square and cube numbers  To use order of operations |

Sunnybrow Primary School: Maths Medium Term Plan

Class: 4 Term: Autumn 2

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| Subject | Week 1  6/11/23 | Week 2  13/11/23 | Week 3  20/9/23 | Week 4  27/9/23 | Week 5  4/12/23 | Week 6  11/12/23 | Week 7  18/12/23  (2 days) |
|  | Weeks 1 – 5:  Fractions | | | | | Weeks 6 – 7:  Assessment and revision of any previous misconceptions across autumn term | |
| Maths Y5 | To represent fractions.  To find equivalent fractions  To convert between improper and mixed numbers  To convert between mixed and improper | To compare and order fractions less than 1 (2 lessons)  To compare and order fractions more than 1 (2 lessons) | To add and subtract fractions within 1  To add 3 or more fractions.  To add mixed numbers  To subtract fractions | To subtract mixed numbers  To multiply by an integer (3 lessons) | To find fractions of amounts  To understand fractions as opertors |  |  |
| Maths Y6 | To simplify fractions  To place fractions on a number line.  To convert between improper and mixed numbers  To convert between mixed and improper | To compare and order fractions less than 1  To compare and order fractions more than 1  To compare and order (denominators)  To compare and order (numerators) | To add and subtract fractions  To add 3 or more fractions.  To add mixed numbers To subtract fractions | To add and subtract fractions.  To multiply fractions by integers  To multiply fraction by fractions  To divide fractions by integers | To find fractions of amounts  To understand fractions as operators  To find the whole |  |  |

Sunnybrow Primary School: Maths Medium Term Plan

Class: 4 Term: Spring 1

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| Subject | Week 1  4/1/24  (2 days) | Week 2  8/1/24 | Week 3  15/1/24 | Week 4  22/1/24 | Week 5  29/1/24 | Week 6  5/2/24 | Week 7  12/2/24 |
|  | Week 1-3:  Decimals and Percentages  (Ratio to wait) | | | Week 4-5:  Decimals (Y5)  Algebra (Y6) | | Converting units of measure | |
| Maths Y5 | To understand decimals to 2dp  To understand decimals as fractions (2 lessons)  To understand thousandths. | To understand thousandths as decimals  To round decimals  To order and compare decimals  To multiply by 10, 100 and 1000 | To divide by 10, 100 and 100.  To understand percentages  To understand percentages as fractions and decimals  To find equivalent fractions, decimals and percentages. | Adding decimals within 1  Subtracting decimals within 1  Complements to 1  Adding across the whole/ | To add and subtract with the same decimal place.  To add and subtract with the different decimal place.  To understand wholes and decimals  To understand decimal sequences. | To understand kg and km  To understand mg and mm  To understand metric units  To convert metric measures. | To calculate metric measures  To understand imperial units  To convert units of time |
| Maths Y6 | To understand decimals to 3dp.  To understand decimals as fractions | To understand thousandths as decimals  To round decimals  To order and compare decimals  To multiply by 10, 100 and 1000 | To divide by 10, 100 and 100.To find equivalent fractions, decimals and percentages.To find percentages of amounts (2 lessons) | To find a rule  To form expressions  To substitute values  To understand formulae | To from equations  To understand 1-step equations  To understand two-step equations  To find pairs of values. | To understand kg and km  To understand mg and mm  To understand metric units  To convert metric measures | To calculate metric measures  To understand miles and km.  To understand imperial measures  To convert units of time. |

Sunnybrow Primary School: Maths Medium Term Plan

Class: 4 Term: Spring 2

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| Subject | Week 1  26/2/24  (2 days) | Week 2  4/3/24 | Week 3  11/3/24 | Week 4  18/3/24 | Week 5  25/3/24 |
|  | Week 1 and 2:  Measurement: Area, Perimeter and Volume | | Week 3 and 4:  Statistics | |  |
| Maths Y5 | To measure perimeter  To calculate perimeter  To understand area of rectangles  To understand areas of compound shapes | To understand area of irregular shapes  To understand volume  To compare volume  To estimate volume | To read and interpret line graphs  To draw line graphs  To solve problems with line graphs  To read and interpret tables | To understand two-way tables  To understand timetables  To create my own investigation (2 lessons). |  |
| Maths Y6 | To measure perimeter  To calculate perimeter  To understand shapes with the same area  To understand area of triangles | To understand the area of a parallelogram.  To count volume.  To find the volume of a cuboid.  To solve volume problems | To read and interpret line graphs  To draw line graphs To solve problems with line graphsTo read and interpret tables | To understand circles  To red and interpret pie charts  To understand pie chart with percentages  To draw pie charts  To understand the mean |  |

Sunnybrow Primary School: Maths Medium Term Plan

Class: 4 Term: Summer 1

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| Subject | Week 1  15/4/24 | Week 2  22/4/24 | Week 3  29/4/24 | Week 4  6/5/24  (4 days) | | Week 5  13/5/24 | Week 6  20/5/24 |
|  | Weeks 1 – 3:  Properties of Shape | | | Week 3:  Position and Direction | Week 4:  Revision (Y5)  Ratio (Y6) | | |
| Maths Y5 | To measure angles in degrees.  To measure with a protractor.  To understand angles on a straight line.  To understand angles around a point | To calculate angles  To explore length and angles in shapes.  To understand angles in regular and irregular polygons | To draw angles accurately  To reason with 3D shapes | Position in the first quadrant.  To reflect shapes  To reflect with co-ordinates  To translate shapes  To translate with co-ordinates. | | *Y5 dependent on areas picked by CV in conjunction with potential student teacher or BK.*  *Areas the children have struggled with throughout the year.* | |
| Maths Y6 | To measure angles in degrees.  To measure with a protractor.  To understand angles on a straight line.  To understand angles around a point | To calculate angles  To understand opposite angles  To understand angles in a triangle  To understand angles in quadrilaterals. | To draw angles accurately  To reason with 3D shapes  To explore nets of 3D shapes. | Position in the four quadrants.  To reflect shapes  To reflect with co-ordinates  To translate shapes  To translate with co-ordinates. | | Using ratio language.  To understand ration and fractions  To understand the ratio symbol  To calculate ratio | To use scale factors  To calculate scale factors  To solve ratio ad proportion problems. |

Sunnybrow Primary School: Maths Medium Term Plan

Class: 4 Term: Summer 2

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| Subject | Week 1  3/6/24 | Week 2  10/6/24 | | | Week 3  17/6/24 | | Week 4  24/6/24 | | | Week 5  1/7/24 | Week 6  8/7/24 | Week 7  15/7/24 |
|  | *Y5/Y6 dependent on areas picked by CV in conjunction with potential student teacher or BK.*  *Areas the children have struggled with throughout the year followed by problems solving, consolidation, investigation and assessments.* | | | | | | | | | | | |
| Maths Y5 |  |  | |  | |  | | |  | |  | |
| Maths Y6 |  |  |  | | |  | |  | | |  | |