Sunnybrow Primary School: Maths Medium Term Plan

Class: 4 Term: Autumn 1

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| Subject | Week 14/9/23 | Week 211/9/23 | Week 318/9/23 | Week 425/9/23 | Week 52/10/23 | Week 69/10/23 | Week 716/10/23 | Week 823/10/23 |
|  | 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 100,00To represent and understand numbers to one millionTo compare and order numbers to 100,000To compare and order numbers to 1,000,000 | To round within 100,000To round within 1,000,000To count in powers of 10.To understand negative numbers | To add more than 4-digitsTo subtract more than 4 digitsTo use the inverse operationTo solve multi-step problems | To understand multiplesTo multiply by 10,100,1000To divide by 10,100,1000To find multiples of 10, 100, 1000 | To multiply 4-digits by 1-digitTo multiply 2-digits (area model) (2 lessons)To multiply 2-digits by 2-dgitis | To multiply 3-digits by 2-digitsTo multiply 4 digits by 2-digitsTo find factorsTo find common factors | To ivied 4-digits by 1-dgitTo divide with remaindersTo understand prime numbersTo understand square and cube numbers |
| Maths Y6 | Assessment weekTo understand Roman Numerals | To represent and understand numbers to 1,000,000To represent and understand numbers to 10,000,000To compare and order numbers to 1,000,000To compare and order numbers | To round within one million.To round within 10 millionTo count in powers of 10To understand negative numbers. | To add and subtract integersTo use the inverse operationTo solve multi-step problems | To find common multiplesTo multiply by 10,100,1000To divide by 10,100,1000To find multiples of 10, 100, 1000 | To multiply 4-digits by 1-digitTo multiply 2-digits (area model) (2 lessons)To multiply 2-digits by 2-digits | To multiply 3-digits by 2-digitsTo multiply 4 digits by 2-digitsTo find common factorsTo use short division | To understand long division (2 lessons)To understand prime numbersTo understand square and cube numbersTo use order of operations  |

Sunnybrow Primary School: Maths Medium Term Plan

Class: 4 Term: Autumn 2

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| Subject | Week 16/11/23 | Week 213/11/23 | Week 320/9/23 | Week 427/9/23 | Week 54/12/23 | Week 611/12/23 | Week 718/12/23 (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 fractionsTo convert between improper and mixed numbersTo 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 1To add 3 or more fractions.To add mixed numbersTo subtract fractions | To subtract mixed numbersTo multiply by an integer (3 lessons) | To find fractions of amountsTo understand fractions as opertors |  |  |
| Maths Y6 | To simplify fractionsTo place fractions on a number line.To convert between improper and mixed numbersTo convert between mixed and improper | To compare and order fractions less than 1To compare and order fractions more than 1To compare and order (denominators)To compare and order (numerators) | To add and subtract fractions To add 3 or more fractions.To add mixed numbersTo subtract fractions | To add and subtract fractions.To multiply fractions by integersTo multiply fraction by fractionsTo divide fractions by integers | To find fractions of amountsTo understand fractions as operatorsTo find the whole |  |  |

Sunnybrow Primary School: Maths Medium Term Plan

Class: 4 Term: Spring 1

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Subject | Week 14/1/24(2 days) | Week 28/1/24 | Week 315/1/24 | Week 422/1/24 | Week 529/1/24 | Week 65/2/24 | Week 712/2/24  |
|  | 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 2dpTo understand decimals as fractions (2 lessons)To understand thousandths. | To understand thousandths as decimalsTo round decimalsTo order and compare decimalsTo multiply by 10, 100 and 1000 | To divide by 10, 100 and 100.To understand percentagesTo understand percentages as fractions and decimalsTo find equivalent fractions, decimals and percentages. | Adding decimals within 1Subtracting decimals within 1Complements to 1Adding 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 decimalsTo understand decimal sequences. | To understand kg and kmTo understand mg and mmTo understand metric unitsTo convert metric measures. | To calculate metric measuresTo understand imperial unitsTo convert units of time |
| Maths Y6 | To understand decimals to 3dp.To understand decimals as fractions | To understand thousandths as decimalsTo round decimalsTo order and compare decimalsTo 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 ruleTo form expressionsTo substitute valuesTo understand formulae | To from equationsTo understand 1-step equationsTo understand two-step equationsTo find pairs of values. | To understand kg and kmTo understand mg and mmTo understand metric unitsTo convert metric measures | To calculate metric measuresTo understand miles and km.To understand imperial measuresTo convert units of time. |

Sunnybrow Primary School: Maths Medium Term Plan

Class: 4 Term: Spring 2

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| Subject | Week 126/2/24(2 days) | Week 24/3/24 | Week 311/3/24 | Week 418/3/24 | Week 525/3/24 |
|  | Week 1 and 2:Measurement: Area, Perimeter and Volume | Week 3 and 4:Statistics |  |
| Maths Y5 | To measure perimeterTo calculate perimeterTo understand area of rectanglesTo understand areas of compound shapes | To understand area of irregular shapesTo understand volumeTo compare volume To estimate volume | To read and interpret line graphsTo draw line graphsTo solve problems with line graphsTo read and interpret tables | To understand two-way tablesTo understand timetablesTo create my own investigation (2 lessons). |  |
| Maths Y6 | To measure perimeterTo calculate perimeterTo understand shapes with the same areaTo 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 graphsTo draw line graphsTo solve problems with line graphsTo read and interpret tables | To understand circlesTo red and interpret pie chartsTo understand pie chart with percentagesTo draw pie chartsTo understand the mean |  |

Sunnybrow Primary School: Maths Medium Term Plan

Class: 4 Term: Summer 1

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| Subject | Week 115/4/24 | Week 222/4/24 | Week 329/4/24 | Week 46/5/24(4 days) | Week 513/5/24 | Week 620/5/24 |
|  | 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 anglesTo explore length and angles in shapes.To understand angles in regular and irregular polygons | To draw angles accuratelyTo reason with 3D shapes | Position in the first quadrant. To reflect shapesTo reflect with co-ordinatesTo 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 anglesTo understand opposite anglesTo understand angles in a triangle To understand angles in quadrilaterals. | To draw angles accuratelyTo reason with 3D shapesTo explore nets of 3D shapes. | Position in the four quadrants. To reflect shapesTo reflect with co-ordinatesTo translate shapes To translate with co-ordinates. | Using ratio language.To understand ration and fractionsTo understand the ratio symbolTo calculate ratio | To use scale factorsTo calculate scale factorsTo solve ratio ad proportion problems. |

Sunnybrow Primary School: Maths Medium Term Plan

Class: 4 Term: Summer 2

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| Subject | Week 13/6/24 | Week 210/6/24 | Week 317/6/24 | Week 424/6/24 | Week 51/7/24 | Week 68/7/24 | Week 715/7/24 |
|  | *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 |  |  |  |  |  |  |