Sunnybrow Primary School: Maths Medium Term Plan

Class: 3 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 1- 5:Number: Place Value  | Weeks 6 – 8:Number: Addition and subtraction |
| Maths Y3 | Assessment week | To represent numbers to 100To partition numbers to 100 To represent numbers to 100 on a number line | To represent numbers to 1,000To partition numbers to 1,000To use flexible partitioning To represent numbers on a number line to 1,000 | To find more or less than, using visualsTo find more or less thanTo compare numbers using visuals To compare numbers | To order numbersTo count in multiples of 50To explore Roman numerals to 12 | To add and subtract multiples of 100To add and subtract 3-digit and 1-digit numbers To add 3-digit and 1-digit numbers crossing 10To add and subtract 3-digit and 2-digit numbers | To add 3-digit and 2-digit numbers -crossing 100Add a 3-digit and 2-digit number – crossing 10 or 100Add two 3-digit numbers – not crossing 10 or 100Add two 3-digit numbers – crossing 10 or 100 | Subtract a 1-digit number from a 3-digit numberSubtract a 2-digit number from a 3-digit numberSubtract a 3-digit number from a 3-digit number |
| Maths Y4 | Assessment week | To represent numbers to 1000To partition numbers to 1000To represent numbers to 1000 on a number line.  | To represent numbers to 10,000To partition numbers to 10,000To use flexible partitioning.To represent numbers on a number line to 10,000  | To find more or less than, using visualsTo find more or less than To compare numbers using visualsTo compare numbers | To order numbersTo round numbers to the nearest 10To round numbers to the nearest 100To round numbers to the nearest 1,000 | To add and subtract 1s, 10s, 100s and 1,000sTo add two 4-digit numbers – no exchangeTo add two 4-digit numbers -one exchange (2 lessons)To add two 4-digit numbers -more than one exchange (2 lessons) | To add two 4-digit numbers -one exchange (2 lessons)To add two 4-digit numbers -more than one exchange (2 lessons) | Subtract two 4-digit numbers – no exchangeSubtract two 4-digit numbers – one exchangeSubtract two 4-digit numbers – more than one exchange |

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Class: 3 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) |
|  | Week 1:Number: Addition and subtraction | Weeks 2 – 5:Multiplication and division | Weeks 6 – 7:Assessment and revision of any previous misconceptions across autumn term |
| Maths Y3 | To add and subtract 2 and 3-digit numbersTo estimate answers to calculationsTo check answers | Multiplication - equal groupsTo multiply by 3To divide by 3The 3 times table | To multiply by 4To divide by 4The 4 times table | To multiply by 8To divide by 8The 8 times table | To compare statementsTo understand related calculations | Use this week to focus specifically on times tables (3, 4, and 8 with revision of 2, 5, 10)Revision of areas covered so far in autumn termAssessment week | 2 days – Maths investigations linked to multiplication and division |
| Maths Y4 | To use efficient subtraction methodsTo estimate answersTo check strategies | To multiply and divide by 66 Times table & division factsTo multiply and divide by 99 Times table & division facts | To multiply and divide by 77 Times table & division facts11 and 12 times-table | To multiply by 10To multiply by 100To divide by 10To divide by 100 | To multiply by 1 and 0To divide by 1To multiply 3 numbersTo use efficient multiplicationTo use factor pairs | Use this week to focus specifically on times tables (6, 7 9, 11 and 12, with revision of 3, 4, 8, 2, 5 and 10)Revision of areas covered so far in autumn termAssessment week | 2 days – Maths investigations linked to multiplication and division |

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Class: 3 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:Multiplication and division (Y3 and Y4) | Week 4-5:Length, perimeter and area (Y3 & Y4) | Weeks 6–7:Fractions (Y3 & Y4) |
| Maths Y3 | Multiply 2-digits by 1-digit (08.01.2024) | Multiply 2-digits by 1-digit(09.01.2024)Divide 2-digits by 1-digit (3 lessons)(10.01.202411.01.202415.01.2024)If children need more time, continue in to next week. | Scaling(16.01.2024)How many ways?(17.01.2024)Begin length, perimeter and area here if time allows | Measure length(22.01.2024)Equivalent lengths - m and cm (23.01.2024)Equivalent lengths – mm and cm(24.01.2024)Compare lengths (25.01.2024) | Add lengths(29.01.2024)Subtract lengths(30.01.2024)Measure perimeter(31.01.2024)Calculate perimeter(01.02.2024) | Unit and non-unit fractions(05.02.2024)Making the whole (05.02.2024)Fractions on a number line(06.02.2024) | Equivalent fractions (3 lessons)(07.02.2024,08.02.2024, Compare fractions |
| Maths Y4 | Written methods(08.01.2024)Multiply 2-digits by 1-digit(09.01.2024) | Multiply 3-digits by 1-digit (10.01.2024)Divide 2-digits by 1-digit (2 lessons)(11.01.202415.01.2024)Divide 3-digits by 1-digit (16.10.2024)If children need more time, continue in to next week. | Correspondence problems(17.01.2024)Begin length, perimeter and area here if time allows | Kilometres(22.01.2024)Perimeter on a grid(23.01.2024)Perimeter of a rectangle(24.01.2024)Perimeter of rectilinear shapes(25.01.2024) | What is area?(29.01.2024)Counting squares(30.01.2024)Making shapes(31.01.2024)Comparing area (01.02.2024) | What is a fraction?(05.02.2024)Fractions greater than one(06.02.2024)Count in fractions(07.02.2024) | Equivalent fractions (all week)(08.02.2024,  |

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Class: 3 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 1-2:Fractions continued (Y3 & Y4) | Week 3-5:Mass & capacity (Y3)Decimals (Y4) |
| Maths Y3 | Order fractionsFraction of an amount (3 lessons) | Add fractionsSubtract fractions | Tenths Counting in tenthsTenths as decimals | Measure mass (2 lessons)Compare massAdd and subtract mass | Measure capacity (2 lessons)Compare capacityAdd and subtract capacity |
| Maths Y4 | Fractions of a quantityCalculate quantities | Add 2 or more fractionsSubtract 2 fractionsSubtract from whole numbers | Tenths and hundredthsTenths as decimalsTenths on a place value gridTenths on a number line | Divide 1-digit by 10Divide 2-digits by 10Hundredths  | Hundredths as decimalsHundredths on a place value gridDivide 1 or 2- digits by 100 |

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Class: 3 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:Decimals: including money (Y3 & Y4) | Weeks 4 – 5:Time (Y3 & Y4) | Week 6:Statistics (Y3 & Y4) |
| Maths Y3 | Pounds and pence (2 lessons)Convert pounds and pence (2 lessons) | Add money (2 lessons)Subtract money (2 lessons) | Give change (CPA approach across week)If time allows, focus on arithmetic | Months and yearsHours in a dayTelling the time (2 lessons) | Using a.m. and p.m.24-hour clockFinding and comparing the durationStart and end times Measuring time in secondsIf needed, move time to following week. | Pictograms (2 lessons)Bar charts (2 lesson) |
| Maths Y4 | Make a wholeWrite decimalsCompare decimalsOrder decimals | Round decimalsHalves and quartersPounds and penceOrdering money | Estimating moneyFour operations | Years, months, weeks and days Hours, minutes, seconds | Analogue to digital - 12 hour (2 lessons)Analogue to digital - 24 hour (2 lessons) | Interpret charts (2 lessons)Comparison, sum and difference (2 lessons) |

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Class: 2 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 |
|  | Week 1: Statistics continued (Y3 & 4)  | Weeks 2 – 5: Y4 times table check to also take place during this timeProperties of shape (Y3)Position and direction (Y4) | Weeks 6- 7:Consolidation |
| Maths Y3 | Tables | Turns and anglesRight angles in shapesCompare angles | Draw accuratelyHorizontal and verticalParallel and perpendicular | 2-D shapes3-D shapes | Construct 3-D shapes | Time to focus on consolidating their learning on the four operations and any other misconceptions throughout the year.Arithmetic and mental recall of facts (e.g. times tables facts, partition into hundreds, tens and ones and in different ways, then recombine (724 = 700 + 20 + 4) (724 = 600 + 110 + 14); reorder numbers in a calculation; bridge through a multiple of 10, then adjust; use known facts and place value to add)  |
| Maths Y4 | Introducing line graphsLine graphs | Identify anglesCompare and order angles | TrianglesQuadrilateralsLines of symmetry | Symmetric figuresDescribe position | Draw on a gridMove on a gridDescribe movement | Time to focus on consolidating their learning on the four operations and any other misconceptions throughout the year.Arithmetic and mental recall of facts (e.g. all times tables for Y4, counting in 6, 7, 9, 25 and 1000; use commutativity and tables to multiply; use partitioning; use factor pairs multiply; use known facts and place value to multiply) |