

Master the Curriculum in Maths

SPRING TERM OVERVIEW

	Reception	Year 1	Year 2	Year 3	Year 4
Week 1	Introduce zero Find 0 to 5 Subitise 0 to 5 Represent 0 to 5	Count within 20 Understand 10 Understand 11, 12 and 13 Understand 14, 15 and 16	Count money- pence Count money- pounds (notes and coins) Count money- pounds and pence Choose notes and coins	Multiples of 10 Related calculations Reasoning about multiplication Multiply a 2-digit number by a 1-digit number (no exchange)	Factor pairs Use factor pairs Multiply by 10 Multiply by 100 Divide by 10 Divide by 100
Week 2	1 more 1 less Composition Conceptual subitising	Understand 17, 18 and 19 Understand 20 1 more and 1 less The number line to 20	Make the same amount Compare amounts of money Calculate with money Make one pound Find change Two-step problems	Multiply a 2-digit number by a one-digit number (with exchange) Link multiplication and division Divide a 2-digit number by a 1-digit number (no exchange) Divide a 2-digit number by a 1-digit number (flexible partitioning)	Related facts- multiplication and division Informal written methods for multiplication Multiply a 2-digit number by a 1-digit number Multiply a 3-digit number by a 1-digit number
Week 3	Compare mass Find a balance Explore capacity Compare capacity	Use a number line to 20 Estimate on a number line to 20 Compare numbers to 20 Order numbers to 20	Recognise equal groups Make equal groups Add equal groups	Divide a 2-digit number by a 1-digit number (with remainders) Scaling How many ways?	Divide a 2-digit number by a 1-digit number (1) Divide a 2-digit number by a 1-digit number (2) Divide a 3-digit number by a 1-digit number Correspondence problems Efficient multiplication
Week 4	Find 6, 7 and 8 Represent 6, 7 and 8 1 more 1 less Composition of 6, 7 and 8	Add by counting on within 20 Add ones using number bonds Find and make number bonds to 20 Doubles	Introduce the multiplication symbol Multiplication sentences Use arrays Make equal groups (grouping)	Measure in metres and centimetres Measure in millimetres Measure in centimetres and millimetres	Measure in km and m Equivalent lengths (km and m) Perimeter on a grid Perimeter of a rectangle Perimeter of rectilinear shapes
Week 5	Make pairs- odd and even Double to 8 (find a double) Double to 8 (make a double) Combine 2 groups Conceptual subitising	Near doubles Subtract ones using number bonds Subtraction- counting back	Make equal groups (sharing) The 2 times-table Divide by 2 Doubling and halving	Metres, centimetres and millimetres Equivalent lengths (m and cm) Equivalent lengths (cm and mm) Compare lengths	Find missing lengths of rectilinear shapes Calculate the perimeter of rectilinear shapes Perimeter of regular polygons Perimeter of polygons
Week 6	Explore length Compare length Explore height	Subtracting- finding the difference Related facts	Odd and even numbers The 10 times-table Divide by 20	Add lengths Subtract lengths What is perimeter?	Understand the whole Count beyond 1 Partition a mixed number

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	Compare height	Missing number problems		Measure perimeter Calculate perimeter	Number lines with mixed numbers
Week 7	Talk about time Order and sequence	Count from 20 to 50 20, 30, 40 and 50 Count by making groups of tens Groups or tens and ones	The 5 times-table Divide by 5 The 5 and 10 times-tables	Understand the denominators or unit fractions Compare and order unit fractions Understand the numerators of non-unit fractions	Compare and order mixed numbers Understand improper fractions Convert mixed numbers to improper fractions Convert improper fractions to mixed numbers
Week 8	Find 9 and 10 Compare numbers to 10 Represent 9 and 10	Partition into tens and ones-M The number line to 50-T Estimate on a number line to 50-W 1 more, 1 less-TH & F	Measure in centimetres Measure in metres Compare heights and lengths	Understand the whole Compare and order non-unit fractions Fractions and scales Fractions on a number line	Equivalent fractions on a number line Equivalent fraction families Add two or more fractions Add fractions and mixed numbers
Week 9	Conceptual subitising to 10 1 more 1 less Composition to 10	Compare lengths and heights Measure length using objects	Order lengths and heights Four operations with lengths and heights	Count in fractions on a number line Equivalent fractions on a number line Equivalent fractions as bar models	Subtract two fractions Subtract from whole amounts Subtract from mixed numbers
Week 10	Bonds to 10 (2 parts) Doubles to 10 (find a double) Doubles to 10 (make a double) Explore even and odd	Measure length in centimetres	Compare mass Measure in grams Measure in kilograms	Use scales Measure mass in grams Measure mass in kilograms and grams Equivalent masses (kg and g)	Tenths as fractions Tenths as decimals Tenths on a place value chart Tenths on a number line
Week 11	Recognise and name 3D shapes Find 2D shapes within 3D shapes Use 3D shapes for tasks	Heavier and lighter-M Measure mass-T Compare mass-w	Four operations with mass Compare volume and capacity Measure in millilitres	Compare mass Add and subtract mass Measure capacity and volume in millilitres Measure capacity and volume in litres and millilitres	Divide a 1-digit number by 10 Divide a 2-digit number by 10 Divide a 1-or 2-digit number by 100
Week 12	3D shapes in the environment Identify more complex patterns Copy and continue patterns Patterns in the environment	Full and empty-T Compare volume-f Measure capacity Compare capacity	Measure in litres Four operations with volume and capacity Temperature	Equivalent capacities and volumes (l and ml) Compare capacity and volume Add and subtract capacity and volume	Hundredths as decimals Hundredths on a place-value chart