Holbrook CofE Primary School
Maths coverage spring term

Class 1

Reception	Y1
Re-cap: Composition of & comparing numbers to 5, (1,2 & 3 groups) Equal and unequal groups	Addition & Subtraction: Add by counting on Find and make number bonds
How many altogether How many are hiding? Composition of 6, 7 & 8 Sorting & matching 6, 7 & 8	Addition & Subtraction: Add by making 10 Subtraction not crossing 10
1 more and less Making pairs Combining 2 groups Adding more	Addition & Subtraction: Subtraction crossing 10
Representing and sorting 9 & 10 Order numerals to 10 Composition of 9 & 10 Numbers to ten – Bingo	Addition & Subtraction: Related facts Compare number sentences
Counting back from 10 – 10 in the bed Comparing numbers within 10 Making 10	Place value 50: Numbers to 50 Tens and ones Represent numbers to 50
Making 10	Place value 50: One more one less Compare objects within 50 Compare numbers within 50
3-D shape: matching objects, building with and printing with. Pattern re-cap	Place value 50: Order numbers within 50 Count in 2s Count in 5s
Comparing height – taller and shorter than Comparing length – longer and shorter than Measuring height	Length & Height: Compare lengths and heights Measure length
Days of the week Measuring time	Length & Height: Measure length
Comparing mass – heavier and lighter than Measuring ingredients	Weight & Volume: Introduce weight and mass Measure mass Compare mass
Comparing mass – heavier and lighter than Full and empty Measuring capacity Measuring capacity – how many will fit inside? Measuring ingredients	Weight & Volume: Introduce capacity and volume Measure capacity Compare capacity

Class 2

Spring

Y1	Y2
Consolidation/ recap of previous term Subtraction and bonds	
Sharing equally Making equal groups Equal groups	Making equal groups/ sharing Making equal groups Divide by 2 Odd and even Divide by 5/ Divide by 10
Counting to 100 Partitioning numbers Comparing numbers Ordering 1 more and less	Tally Charts Pictograms (1) Interpretation of pictographs Draw pictograms 2, 5, 10 Interpret 2. 5. 10
Measure length Compare lengths and heights	Measure cm and m Compare and order heights 4 operations measurement
3d shapes – recognise and sort 2d Shapes – recognise and sort Consolidation of maths skills (Counting)	Recognise 3d and 2 d Count sides Count vertices Lines of symmetry Count faces, edges and vertices - 3d Sort 2D and 3D shapes – carroll/venn
Patterns	Make patterns 2d/ 3d

Class 3

Year 3	Year 4
Measures Measure, compare, add and subtract: lengths (m/cm/mm); Mass (kg/g); Volume / capacity (l/ml). Read, to the nearest division and half division, scales that are numbered or partially numbered; use the information to measure and draw a suitable degree of accuracy Measure and interpret questions linked to perimeter and area	Measures Convert between different units of measure [for example, kilometre to metre; hour to minute] Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres Find the area of rectilinear shapes by counting squares
Two digit by one digit written method solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connect to m objects	Three digit by one digit written method Solve problems involving multiplying and adding, including using the distributive law to multiply two-digit numbers y on digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects
Scaling Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connect to m objects	Scaling Solve problems involving multiplying and adding, including using the distributive law to multiply two-digit numbers y on digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects
Correspondence Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connect to m objects	Correspondence Solve problems involving multiplying and adding, including using the distributive law to multiply two-digit numbers y on digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects
Recognising fractions Count up and down in tenths, recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators	Recognising fractions Count up an down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten.
Equivalent fractions Recognise and show, using diagrams, equivalent fractions with small denominators Compare and order unit fractions, and fractions with the same denominator	Equivalent fractions Recognise and show, using diagrams, families of common equivalent fractions
Compare and order Recognise and show, using diagrams, equivalent fractions with small denominators - compare and order unit fractions, and fractions with the same denominator	Compare and order Recognise and show, using diagrams, families of common equivalent fractions
Fractions of an amount - recognise, find and write fractions of a discrete set	Fractions of an amount

of objects; unit fractions and non-unit fractions with small denominators	
<u>Add and subtract fractions</u> Add and subtract fractions with the same denominator within one whole (for example 5/7 + 1/7 = 6/7)	<u>Add and subtract fractions</u> Add and subtract fractions with the same denominator
<u>Tenths</u> Count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers by quantities of 10	<u>Decimals</u> Recognise and write decimal equivalents of any number of tenths or hundredths Recognise and write decimal equivalents to ¼, ½ and ¾ Round decimals with one decimal place to the nearest whole number Compare numbers with the same number of decimal places up to two decimal places Find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths

Class 4

Y4	Y5
Estimating Using inverse to check results Multiply by 0 and 1 Divide by 1 and itself	Estimating Using inverse to check results Multiply by 0 and 1 Divide by 1 and itself Divide by 10, 100 and 1000
Divisibility Rules Factor Pairs Factor Bugs	Divisibility Rules Common Factors Factor Bugs
The 3 times-table Multiply and divide by 3 Consolidate factors and multiples	Multiples Consolidate factors and multiples
Multiply and divide by 6	Multiply and divide by 6
Consolidate 3 and 6 times table and division facts	Consolidate 3 and 6 times table and division facts
Multiply and divide by 4 Consolidate 4 and 8 times table and division facts Multiply and divide by 9 9 times table and division facts Multiply and divide by 11 and 12	Multiply and divide by 4 Consolidate 4 and 8 times table and division facts Prime Numbers Square Numbers Cube numbers Multiply and divide by 11 and 12
Multiply 3 numbers Efficient multiplication Written methods	Multiply 3 numbers Efficient multiplication Written methods
Multiply 2 and 3 digits by 1-digit	Multiply 2, 3 and 4-digits by 1-digit
Multiply 2-digits by 2-digit	Multiply 2-digits by 2-digit Multiply 3 and 4-digits by 2-digit
Divide 2-digits by 1-digit	Divide 2-digits by 1-digit
Divide 3-digits by 1-digit	Divide 3-digits by 1-digit
Divide 3-digits by 1-digit	Divide 4 digits by 1-digit
Correspondence Problems	Divide with remainders
Interpret Charts/ data collection Comparison, Sum and Difference	Comparison, sum and difference/ data collection
Line graphs	Read and interpret line graphs
Reasoning and problem solving statistics based	Draw Line Graphs Use Line Graphs to solve problems
RECAP telling the time to the nearest 5 mins RECAP telling the time to the nearest min	Read and Interpret Tables Two way tables
RECAP Using A.M and P.M RECAP Using the 24 hour clock	Timetables
Hours, mins and seconds Years, months weeks and days	What is volume? Compare volume.
Analogue to digital 12 and 24 hour	Estimate volume Estimate capacity
RECAP Turns and angles RECAP Right angles	RECAP Identify Angles RECAP Compare and order angles
RECAP Compare angles Identify angles	Measuring angles in degrees Measuring with a protractor

Compare and order angles RECAP recognise and describe 2D shapes	Drawing angles and lines accurately Calculating angles on a straight line
Triangles Quadrilaterals	Calculating angles around a point RECAP Triangles and Quadrilaterals
Symmetry Lines of Symmetry , symmetrical figures	Calculating lengths and angles in shapes Regular and irregular polygons

Class 5

	Spring term
Decimals	Decimals to 2dp
	Understanding 1000ths
	3dp
	Multiply by 10, 100, 1000
	Divide by 10, 100, 1000
	Multiply decimals by integers
	Divide decimals by integers
	Division to solve problems
	Decimals as fractions
	Fractions to decimals
Percentages	Understanding percentages
	Fractions to percentages
	Equivalent FDP
	Order FDP
	Percentages of amounts
	Percentages – missing values
Algebra	Find a rule – one step
	Find a rule – two step
	Forming expressions
	Substitution
	Formulae
	Forming equations
	Solve simple one-step equations
measures	Metric measures
	Convert metric measures
	Calculate with metric measures
	Miles and kilometres
	Imperial measures
areas and perimeter	Shapes – same area
	Area and perimeter
	Area of a triangle
	Area of a parallelogram
	What is volume?
	Volume – counting cubes
	Volume of a cuboid
ratio	Use ratio language
	Ratio and fractions
	Introducing the ratio symbol
	Calculating ratio
	Using scale factors
	Calculating scale factors
	Ratio and proportion problems