Year 3/4 overview

Autumn term lessons

Week	Y3 Topic	Y4 Topic
1	Partition numbers to 100 Represent numbers to 100 Number line to 100	Partition numbers to 1000 Represent numbers to 1000 Number line to 1000
2	Hundreds, tens and ones Hundreds Partition numbers to 1000 Represent numbers to 1000	Thousands Partition numbers to 10000 Represent numbers to 10000 Flexible partitioning of numbers to 10,000
3	Find 1, 10 or 100 more or less Number line to 1,000 Estimate on a number line to 1,000 Compare numbers to 1,000	Find 1, 10, 100 or 1,000 more or less Number line to 10,000 Estimate on a number line to 10,000 Compare numbers to 10,000
4	Order numbers to 1,000 Count in 50s Rounding to the nearest 10 Rounding to the nearest 100	Order numbers to 10,000 Round to the nearest 10 Round to the nearest 100 Round to the nearest 1000

5	Roman Numerals Add and subtract 1s Add and subtract 10s Add and subtract 100s	Roman Numerals Add and subtract 1s,10s,100s and 1000s Add up to two 4 digit numbers-no exchange
6	Add 1s across a 10 Add 10s across a 100 Subtract 1s across a 10 Subtract 10s across a 100	Add two 4 digit numbers – one exchange Add two 4 digit numbers – more than one exchange
7	Add two numbers (no exchange) Subtract two numbers (no exchange)	Subtract two 4 digit numbers- no exchange Subtract two 4 digit numbers- one exchange
8	Add two numbers (across a 10) Add two numbers (across a 100) Subtract two numbers (across a 10)	Subtract two 4 digit numbers – more than one exchange Subtract two 4 digit numbers – more than one exchange
9	Subtract two numbers (across a 100) Add 2 digit and 3 digit numbers Subtract a 2 digit from a 3 digit	Efficient subtraction Estimate answers Checking strategies

10	Compliments to 100 Estimate answers Inverse operations Make decisions	What is area? Count squares Make shapes Compare areas Multiply by 1 and 0
11	Equal groups Multiples of 2 Multiples of 5 and 10 Sharing and grouping	Divide a number by 1 and itself Multiples of 5 and 10 Multiples of 2 2, 5 and 10 times tables
12	Multiply by 3 3 Times tables Divide by 3	Multiples of 3 Multiples of 4 3 times tables 4 times tables
13	Multiply by 4 4 times tables Divide by 4	Multiples of 6 Multiples of 9 6 times tables 9 times tables
14	Multiply by 8 8 times tables Divide by 8	Multiples of 7 Multiples of 8 7 times tables 8 times tables Multiply 3 numbers
15	2, 5, 10 times tables 3,4,8 times tables	Multiples of 11 Multiples of 12 11 times tables

		12 times tables

Spring term lessons

Week	Y3 Topic	Y4 Topic
1	Multiples of 10 Reasoning Related calculation Multiply a 2 digit number by a 1 digit- no exchange	Factor pairs Use factor pairs Multiply by 10 Multiply by 100 Divide by 10
2	Multiply a 2 digit number by a 1 digit- with exchange Link multiplication and division Divide a 2digit number by a 1 digit- no exchange	Divide by 100 Related facts- multiplication and division Informal written methods for multiplication Multiply a 2 digit number by a 1 digit number
3	Divide a 2 digit number by a 1 digit number- with remainders Scaling How many ways?	Multiply a 3 digit number by a 1 digit number Divide a 2 digits number by a 1 digit Divide a 3 digit by a 1 digit number Correspondence problems Efficient multiplication

4	Measure in metres and centimetres Measure in milimetres Measure in centimetres and milimetres Metres, centimetres and milimetres	Measure in kilometres and metres Equivalent lengths (km m) Perimeter on a grid Perimeter of a rectangle
5	Equivalent lengths (m and cm) Equivalent lengths (cm mm) Compare lengths Add lengths Subtract lengths	Perimeter of rectilinear shapes Find missing lengths Perimeter of polygons (regular) Perimeter of polygons
6	What is perimeter? Measure perimeter Calculate perimeter	Understand the whole Count beyond 1 Partition a mixed number Number lines with mixed numbers
7	Understand the denominators of unit fractions compare and order unit fractions understand the numerators of non-unit fractions understand the whole	Compare and order mixed numbers Understand improper fractions Convert mixed numbers to improper fractions Equivalent fraction families

8	Compare and order non-unit fractions Fractions and scales Fractions on a number line Count in fractions on a number line	Equivalent fractions Add two or more fractions Add fractions and mixed numbers Subtract two fractions
9	Equivalent fractions on a number line Equivalent fractions as bar models Use scales Measures mass in grams	Subtract from whole amounts Subtract from mixed numbers Tenths as fractions Tenths as decimals
10	Measure mass in kilograms and grams Equivlanet masses kg and g Compare mass Add and subtract mass	Tenths on a place value chart Tenths on a number line Divide a 1 digit number by 10 Divide a 2 digit number by 10
11	Measure capacity and volume in mililitres Measure capacity and volume in l and ml Equivalent capacity and colum Compare capacity and volume Add and subtract capacity and volume	Hundredths as fractions Hundredths as decimals Hundredths on place value chart Divide 1 or 2 digit number by 100

Summer term lessons

Week	Y3 Topic	Y4 Topic
1	Add fractions Subtract fractions Partition the whole	Make a whole with tenths Make a whole with hundredths Partition decimals
2	Unit fractions of a set of objects Non-unit fractions of a set of objects Reasoning with fractions of an amount	Compare decimals Order decimals Round to the nearest whole number
3	Pounds and pence Convert pounds and pence	Halves and quarters as decimals Write money using decimals Convert between pounds and pence
4	Add money Subtract money Find change	Compare amounts of money Estimate with money Calculate money Solve problems with money
5	Tell the time to 5 minutes Tell the time to the minue Read the time on a digital clock	Year, months, weeks and days Hours, minutes and seconds

6	Use a.m and p.m Years, months and days Days and hours	Use a.m and p.m Years, months and days Days and hours
7	Hours and minutes – start and end Hours and minutes- durations Minutes and seconds	Times tables practise
8	Units of time Solve problems with time Turns and angles Right angles	Units of time Solve problems with time Turns and angles Right angles
9	Compare angles Measure and draw accurately Horizontal and vertical Parallel and perpendicular	Interpret charts Comparison, sum and difference Interpret line graphs
10	Recognize and describe 2D shapes Draw polygons Recognise and describe 3D shapes Make 3D shapes	Describe position using coordinate Plot coordinates Coordinates

11	Interpret pictograms Draw pictograms Interpret bar charts	Draw 2- D shapes on a grid Translate on a grid Describe translation on a grid
12	Draw bar charts Collect and represent data Two way tables	Arithmetic recap (four operations)