

Year 1 Mathematics Yearly Overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Week 1	Unit 1 Place Value	Unit 5 Sequencing and Sorting	Unit 10 Place Value	Unit 16 Length and Mass	Unit 21 Place Value	Unit 27 Time
Week 2		Unit 6 Fractions	Unit 11 Mass	Unit 17 Addition and Subtraction	Unit 22 Addition and Subtraction	Unit 28 Multiplication and Division
Week 3	Unit 2 Length and Mass					
Week 4	Unit 3 Addition and Subtraction	Unit 7 Capacity and Volume	Unit 13 Counting and Money	Unit 19 Position & Direction	Unit 24 Fractions	Unit 30 Measurement
Week 5		Unit 8 Money				
Week 6	Unit 4 2-D and 3-D Shape	Assess and review week	Unit 15 Division	Assess and review week	Unit 26 2-D and 3-D Shape	Assess and review week

Year 1 Expectations – Sequence of Learning

Autumn 1 - 6 weeks

Number and Place Value Weeks 1 and 2	
Lesson	Lesson Focus
1	Counting items 0-9 Value of 0 Read and write numbers Use blocks to create a block graph
2	Counting items 10-19 by making tens and ones (balloons, biscuits, pens in pots etc.) Group of ten Different and same
3	Recognise quantities on a 10 frame
4	Counting items 10-19 by making tens and ones (straws, multilink, 10 frames) Group of ten Different and same
5	Counting items 10-19 by making tens and ones (10 frames and base 10) Group of ten Different and same
6	Counting items 20-29 by making tens and ones (all prior equipment) Groups of ten and numbers not in groups of 10 Different and same
7	Counting and representing numbers to 30 Read and write numbers Structured equipment Concrete patterning
8	Identifying and representing numbers to 30 Read and write numbers Structured equipment Patterning on number track/hundred square alongside concrete
9	One more and one fewer 0-30 focus on bridging (10 frame and number track)
10	Comparing quantities to 20 More, fewer, equal to Different sizes of items, lining up, different orientations of lines
Length and Mass/Weight) and Application of Number and Place Value Week 3	
Lesson	Lesson Focus
1	Compare and describe objects by length and height using, longer/shorter (long/short) and taller/shorter (tall, short)
2	Measure and record lengths and heights using body parts, including the teacher
3	Measure and record lengths and heights using uniform non-standard units (multilink)
4	Compare and describe objects by mass/weight using, lighter/heavier, light/heavy
5	Measure and record masses using uniform non-standard units
Addition and Subtraction Weeks 4 and 5	
Lesson	Lesson Focus
1	Bonds for 10 – 10 frame, addition and subtraction facts relationships Part – part – whole language
2	Counting all Part – part – whole including diagram Include adding 0
3	Adding 10 and a single digit
4	Counting on practically including part – part – whole diagram
5	Solving one step addition problems – language focus
6	Subtract single digit from another using take away concrete items including subtracting 0
7	Subtract single digit from another using take away, concrete items on part – part – whole diagram

8	Subtract 10 from teens number, subtract ones from teens number concrete 10 frames, base 10
9	Solving one step subtraction problems – language focus
10	Solving one step addition and subtraction problems
2-D and 3-D Shape	
Week 6	
Lesson	Lesson Focus
1	Name circles and triangles – different sizes, orientations, colours, examples and non-examples Different and same Complete the sort/follow my rule/guess my rule What is a...?
2	Name square rectangles and oblong rectangles – different sizes, orientations, colours, examples and non-examples Different and same Complete the sort/follow my rule/guess my rule What is a...?
3	Name spheres and pyramids – different sizes, orientations, colours, examples and non-examples Different and same Complete the sort/follow my rule/guess my rule What is a...?
4	Name cubes and cuboids – different sizes, orientations, colours, examples and non-examples Different and same Complete the sort/follow my rule/guess my rule What is a...?
Learning Check Up To This Point	

Autumn 2 - 5 weeks

Sequencing		Sorting
Week 1		
Lesson	Lesson Focus	
1	Count in 5s – identify patterns and sort	
2	Count in 2s – identify patterns and sort Odd and even Arrange even amount into groups of 2 to check	
3	Recognise and create repeating patterns (2 and 3 numbers and shapes)	
4	Identify criteria that things have in common objects, shapes and numbers	
5	Sort to a given criterion	
Fractions		
Weeks 2 and 3		
Lesson	Lesson Focus	
1	Use concrete materials to explore part and whole (that a fraction is part of a whole)	
2	Importance of equal parts to name the fraction	
3	Fraction of 2-D shapes including equal and non-equal parts	
4	Recognise and name half of a shape or object	
5	Find half of a shape or object	
6	Recognise and name quarter of a shape	
7	Find quarter of a shape	
8	Find half of different objects	
Capacity and Volume		
Week 3		
Lesson	Lesson Focus	
1	Compare and describe a capacity or volume by using more/less, full/empty, half full, nearly full, nearly empty	
2	Measure and record capacity and volume using uniform non-standard units (cups)	

**Money
Week 4****Lesson Lesson Focus**

1	Recognise coins to 20p by colour, shape, size and words
2	Use the correct number of 1p coins for 2p, 5p, 10p and 20p coins
3	Order coins by value Link to number line
4	Represent an amount using coins
5	Adding two prices (some bonds to 10 within)

**Time
Week 5****Lesson Lesson Focus**

1	Days of the week and sequencing – before, after, next, morning, afternoon, evening
2	Months of the year – before, after, next, first Use birthdays, festivals
3	Compare the duration of two events use language of quicker and slower, i.e. which activity is quicker to do?
4	Measure and compare time using seconds
5	Compare the duration of two events use language of quicker and slower, i.e. Pete was quicker than Tim at tying his shoe laces

Learning Check Up To This Point

Spring 1 - 6 weeks

Number and Place Value	
Week 1	
Lesson	Lesson Focus
1	Counting to 100 from 0, 1 and any number Counting back from 100 or any number Patterning - focus on the bridging across tens
2	Compare two numbers/amounts up to 50 using more, fewer, same
3	Compare three numbers/amounts up to 20 using most, least/fewest, same
4	Add 10 to a group to identify 10 more
5	Take 10 from a group to identify 10 fewer
Mass/Weight and Application of Number and Place Value	
Week 2	
Lesson	Lesson Focus
1	Read, write and represent numbers to 100 – concrete, jottings, numerals
2	Number tracks and lines – full demarcation then labelled in 2s
3	Number tracks and lines – labelled in 5s
4	Measure and record mass using balance scales, standard units using 10g and 1g masses
5	Measure and record mass using balance scales, standard units using 10g and 1g masses
2-D and 3-D Shape	
Week 3	
Lesson	Lesson Focus
1	Identify circles and triangles – different sizes, orientations, colours, from a wider set Different and same Hide and reveal/What is a...?
2	Identify square rectangles and oblong rectangles – different sizes, orientations, colours, from a wider set Different and same Hide and reveal/What is a...?
3	Identify spheres and pyramids – different sizes, orientations, colours, from a wider set Different and same Hide and reveal/What is a...?
4	Identify cubes and cuboids – different sizes, orientations, colours, from a wider set Different and same Hide and reveal/What is a...?
5	Sort shapes using given and own criteria
Counting	Money
Week 4	
Lesson	Lesson Focus
1	Counting objects in 2s – link concrete to pattern of numbers, identify odd and even numbers, scattered objects then represent using an array
2	Counting objects in 5s – link concrete to pattern of numbers, identify odd and even numbers, scattered objects then represent using an array
3	Counting objects in 10s – link concrete to pattern of numbers, identify odd and even numbers, scattered objects then represent using an array
4	Recap coins to 20p and recognise coins 50p, £1 and £2 by colour, shape, size and words
5	Recognise and know the value of £5, £10 and £20 notes Order all coins and notes from least to greatest value and vice versa
Multiplication	
Week 5	
Lesson	Lesson Focus
1	Recognise when two groups of items are the same size and when they are not Use concrete materials to model doubles 1-5 as adding the same number to itself Look at patterns created
2	Use concrete materials to model doubles 6-10 as adding the same number to itself Look at patterns created

3	Solve problems involving multiplication Make/draw groups of equal size Use efficient counting to find out how many altogether (this may be in ones, twos, fives and tens)
4	Solve problems involving multiplication Concrete Use efficient counting to find out how many altogether (this may be in ones, twos, fives and tens)
5	Solve problems involving multiplication Arrays Use efficient counting to find out how many altogether (this may be in ones, twos, fives and tens)
Division Week 6	
Lesson	Lesson Focus
1	Recognise when a whole has been split into two parts that are equal and when they are not Use concrete materials to model halving even numbers to 10 as splitting into two equal parts Look at patterns created
2	Use concrete materials to model halves of even numbers from 12-20 as splitting into two equal parts Look at patterns created
3	Solve problems involving division by sharing into two equal groups – including 5 biscuits, when the remainder can be split between the two groups
4	Solve problems involving division by sharing into more than two equal groups (no remainders)
Learning Check Up To This Point	

Spring 2 - 5 weeks

Length and Mass/Weight and Application of Number and Place Value Week 1	
Lesson	Lesson Focus
1	Measure and record mass/weight using 10g and 1g masses – link to PV Consolidate comparison language
2	Measure and record length using base 10 cubes Consolidate comparison language
3	Measure and record length using base 10 rods and cubes – link to PV Consolidate comparison language
4	Understand that base 10 cubes are 1cm and rods are 10cm – link to ruler Measure and record length using rulers and metre rules
5	Measure and record length using rulers and metre rules Choose most appropriate estimate, e.g. book length 2cm, 20cm, 100cm?
Addition and Subtraction Week 2	
Lesson	Lesson Focus
1	Use concrete materials (ten frames) to represent addition facts for twenty
2	Add one- and two digit numbers using an appropriate strategy Subtract a one digit from a two digit number using an appropriate strategy Mixed + and – sentences (some related)
3	Use concrete materials to create linked calculations Understand/identify part – part – whole Write mathematical statements involving addition and subtraction
4	Use concrete materials to create linked calculations Understand/identify part – part – whole Identify missing number in calculation
5	Understand/identify part – part – whole Identify missing number in calculation
Fractions Week 3	
Lesson	Lesson Focus
1	Recognise when a whole has been split into two parts that are equal and when they are not Use concrete materials to model halving even numbers as splitting into two equal parts
2	Find half of an even quantity

3	Recognise and name a quarter as one of four equal parts of a shape (Autumn) and object (Spring) e.g. KitKat
4	Find quarter of an object using objects that can be accurately quartered and those that cannot
5	Describe a capacity or volume using language of more than half full, less than half full, a quarter full
Position and Direction linked to Fractions	
Week 4	
Lesson	Lesson Focus
1	Describe turning movements for whole and half turns – link to fractions Describe turning movements using left and right
2	Describe direction using forwards/backwards, (sideways) left/right
3	Describe position using the terms top, middle, bottom and between and direction using up and down
4	Describe position using the terms on top of, in front of, above, below
5	Describe position using the terms on around, inside and outside
Time linked to Position and Direction and Fractions	
Week 5	
Lesson	Lesson Focus
1	Tell the time to the hour Sequence and order familiar events of the day
2	Tell the time to the hour Draw hands on the clock to show times to the hour
3	Tell the time to the half hour (minute hand focus)
4	Tell the time to the half hour
5	Tell the time to the hour and half hour (mixed)
Learning Check Up To This Point	

Summer 1 - 6 weeks

Number and Place Value	
Week 1	
Lesson	Lesson Focus
1	Compare two numbers up to 20 using language of more and fewer Compare three numbers up to 20 (represented using concrete materials) using language of most and least and put them in order Identify the numbers on a fully labelled number track/line
2	Correctly place a number from 1-20 on the number line (labelled in 2s, 5s then only 0 and 20)
3	Compare three numbers up to 50 (represented using concrete materials) using language of most and least and put them in order Identify the numbers on a fully labelled number track/line
4	Find 10 more than a given number using base 10 equipment Find numbers on 100 square – identify 10 more
5	Find 10 less than a given number using base 10 equipment Find numbers on 100 square – identify 10 less
Addition and Subtraction	
Weeks 2 and 3	
Lesson	Lesson Focus
1	Use concrete materials to solve missing number problems e.g. $? + 3 = 7$, $3 = ? - 4$
2	Use concrete materials to solve missing number problems e.g. $? + 3 = 7$, $3 = ? - 4$
3	Partitioning to add: $12 + 4$
4	Partitioning to add: $8 + 6$
5	Partitioning to subtract: $14 - 4$ and $14 - 10$
6	Partitioning to subtract $14 - 6 = 14 - 4 - 2$
7	Partitioning to subtract $14 - 6 = 14 - 4 - 2$
8	Choose appropriate method for addition or subtraction questions
Capacity and Volume	
Week 3	
Lesson	Lesson Focus
1	Measure and record capacity and volume using manageable standard units (litres and ml)
2	Measure and record capacity and volume using manageable standard units (litres and ml)
Fractions	
Week 4	
Lesson	Lesson Focus
1	Recap of half of a shape, object, quantity Recognise and name a half as one of two equal parts of an odd quantity
2	Recognise and name a half as one of two equal parts of an odd quantity Find half of an odd quantity using materials that can be cut e.g. grapes, buns
3	Recap of quarter of a shape and object
4	Recognise, name and find a quarter as one of four equal parts of a quantity (which is a multiple of 4)
5	Recognise, name and find a quarter as one of four equal parts of a quantity (which is a multiple of 4)
Position and Direction	
Week 5	
Lesson	Lesson Focus
1	Describe turning movements for quarter turns including using left and right
2	Describe turning movements for three-quarter turns including using left and right
3	Recap of all positional language from earlier in the year
4	Describe position using the terms before, after and the ordinal numbers Recognise and use the language related to dates e.g. today is Monday 18 th May 2020
5	Solve practical problems for time e.g. describe a task that would take you about 1 minute to complete Measure and record time using hours (identify durations of events e.g. lunch time, time at school time sleeping at night)

2-D and 3-D Shape**Week 6**

Lesson	Lesson Focus
1	Recognise and name common 2-D shapes
2	Recognise and name common 3-D shapes
3	Reason about shapes (odd one out, identifying similarities and differences)
4	Recognise and create a repeating pattern using more than three shapes Describe position using the terms before, after and the ordinal numbers

Learning Check Up To This Point

Summer 2 - 5 weeks

Time Week 1	
Lesson	Lesson Focus
1	Recap telling the time to the hour Drawing hands on the clock to show these times
2	Recap telling the time to the half hour (hour hand focus)
3	Recap telling the time to the half hour
4	Draw hands on the clock to show times to half past the hour and recognising that the hour hand is between the hour numbers
5	Tell the time mixed hour and half hour (and some that are not either)
Multiplication and Division Week 2	
Lesson	Lesson Focus
1	Solve problems involving multiplication Make/draw groups of equal size Use efficient counting to find out how many altogether (this may be in ones, twos, fives and tens)
2	Solve problems involving multiplication Make/draw groups of equal size Use efficient counting to find out how many altogether (this may be in ones, twos, fives and tens)
3	Solve problems involving division by grouping
4	Solve problems involving division by grouping
5	Solve problems involving division by sharing or grouping (children represent the problem correctly)
Statistics and Calculation (including difference through how many more/fewer) Week 3	
Lesson	Lesson Focus
1	Present and interpret data in block diagrams using concrete materials Recap how many in a given data category (answer and ask)
2	Present and interpret data in block diagrams using concrete materials How many in two given data categories (answer and ask)
3	Present and interpret data in block diagrams using concrete materials How many more/fewer when comparing two categories using concrete materials (ask and answer)
4	Present and interpret data in block diagrams using concrete materials How many more/fewer when comparing two categories using block diagrams (ask and answer)
5	Problem solving/reasoning around block diagrams true/false statements
Measurement Week 4	
Lesson	Lesson Focus
1	Measure and record mass/weight using weighing scales with a simple scale and manageable standard units (kg/g) within children's range of counting competence Compare items and notice the movement of the needle for lighter/heavier items
2	Solve practical problems for mass/weight e.g. use the balance scales to find two boxes that will balance this box
3	Solve practical problems for length and height e.g. which of these bags would I use to fit the cricket bat in?

4	Solve practical problems for capacity and volume e.g. which of these vessels would hold about two of these others?
5	Solve mixed measurement problems
Sorting and Sequencing	
Week 5	
Lesson Focus	
1	Recap counting in 2s, 5s and 10s from 0 using concrete objects
2	Counting in 2s, 5s and 10s from 0 using number tracks and 100 squares – spotting patterns
3	Sorting objects and shapes using their own criterion
4	Sorting numbers using their own criterion
5	Recognise and create a repeating pattern using more than three numbers
Learning Check Up To This Point	