KS1

Strand	NC Objective	Autumn	Spring	Summer
		Year 2	Year 2	Year 2
Number and Place Value	Counting within 100, forwards and backwards, starting with any given number	**(1) Counting forwards and backwards to 50**	(1) Counting forwards and backwards to 100	(1) Counting up and down to 100 from any given number
	Count in multiples of 2, 5 and 10	(1) Count in multiples of 2 and 5	(1) Count in multiples of 2,5 and 10, begin to try backwards	(1) Count in multiples of 2,5 and 10 forwards and backwards. Begin to count in multiples of 3
		(1) Write numbers to 50 in numerals	(1) Write numbers to 100 as numerals	(1) Write numbers to 100 as numerals
		(1) Given any number to 50, identify 1 more and 1 less	(1) Given any number to 100, identify 1 more and 1 less	(1) Given any number to 100, identify 10 more and 10 less
	Read, write and order numbers	(1)Read and write numbers to 20 in words	(1) Read and write numbers to 50 in words	(1) Read and write numbers to 100 in words
		(4) Compare numbers to 20 using <>=	(3) Compare numbers to 50 using <>=	(1) Compare numbers to 100 using <>=
		(4) Recognise the place value of the digits in a 2-digit number to 50	**(1) Recognise and represent the place value of the digits in a 2-digit number to 99**	**(2) Recognise and represent the place value of the digits in a 2-digit number to 99**
	Partitioning into 10s and 1's	(4) Partition 2-digit numbers to 20 into 10's and 1's using objects and written methods	(1) Partition 2-digit numbers to 50 into 10's and 1's using objects and written methods	(2) Partition 2-digit numbers to 50 into 10's and 1's using objects and written methods
	Identify and Represent number	(4) Represent numbers using dienes and a number line	(1) Represent numbers using dienes and a number line	(1) Represent numbers using dienes and a number line
	Number reasoning	**(1, 8) Reason about the location of any 2 digit number, including identifying 10 more/less**	**(8)Reason about the location of any 2 digit number, including identifying 10 more/less**	**(1) Reason about the location of any 2 digit number, including identifying 10 more/less**
Addition and subtraction	Represent and use number bonds to add and subtract	(2) Add and subtract mentally (2digit+1digit) to 20	(1) Add and subtract mentally (2 digit+2 digit) to 20, 3 one-digit numbers	(2,8) Add and subtract mentally (2 digit+2 digit) to 20, 3 one-digit numbers
	Develop fluency in addition and subtraction	**(2) Secure fluency of addition and subtraction to 20 through regular practise**	**(1) Secure fluency of addition and subtraction to 20 through regular practise**	**(2,8) Secure fluency of addition and subtraction to 20 through regular practise**
	Add and subtract 2 digit numbers	**(2) Add and subtract using objects and written methods to 20 (HA 50)**	(1) Add and subtract using objects (when needed) and written methods to 50	(2,8) Add and subtract using written methods to 100
	Add and subtract 3 one-digit numbers	(3) Add and subtract 3 1-digit numbrs	(1) Add and subtract 3 1-digit numbrs	(2,8) Add and subtract 3 1-digit numbrs
	Solve missing number addition and subtraction problems	(3) Use objects and arrays to solve missing numbr addition and subtraction to 20	(8) Use objects and arrays to solve missing numbr addition and subtraction to 20	(2) Use objects and arrays to solve missing numbr addition and subtraction to 20
	Check answers using the inverse relationship between addition and subtraction	(7) Rearrange addition number sentences to create subtraction number sentences	(8) Rearrange addition number sentences to create subtraction number sentences	(8) Rearrange addition number sentences to create subtraction number sentences
	Show that addition can be done in any order and subtraction cannot	(7) When rearranging number sentences, say why subtraction cannot be rearranged	(8) When rearranging number sentences, say why subtraction cannot be rearranged	(8) When rearranging number sentences, say why subtraction cannot be rearranged
Multiplication and division	Count forwards and backwards in steps of 2, 5 and 10	(5) Count out loud in steps of 2, arrange numbers to 20 in 2's, begin to count in 5's	(2) Count out loud in steps of 2, arrange numbers to 20 in 2's, begin to count in 5's	(3) Count out loud in steps of 2, arrange numbers to 20 in 2's, begin to count in 5's
	Recall multiplication facts for 2,5 and 10 times table	(5) Recall 2x number facts out loud, begin to recall 5x	(2) Recall 2x number facts out loud, begin to recall 5x	(3) Recall 2x number facts out loud, begin to recall 5x
	Recognise odd and even numbers	(7) Identify odd and even numbers to 20, explain reasoning	(8) Identify odd and even numbers to 20, explain reasoning	(3) Identify odd and even numbers to 20, explain reasoning
	Recall division facts for the 2, 5 and 10 times table	(6) Recall out loud division facts dividing by 2	(5) Recall out loud division facts dividing by 2	(3,9) Recall out loud division facts dividing by 2
	Create and solve multiplication number sentences (using written methods)	(5) Use arrays to multiply 1 digit numbers by 2	(2,5,9) Use arrays to multiply 1 digit numbers by 2	(3,9) Use arrays to multiply 1 digit numbers by 2
	Create and solve division number sentences (using written methods)	(6) Use arrays to divide a given amount by 2 (up to 20)	(2,5,9) Use arrays to divide a given amount by 2 (up to 20)	(3,9) Use arrays to divide a given amount by 2 (up to 20)
	Solve one step problems involving multiplication (using objects)	(5) Use objects to multiply 1 digit numbers by 2	(2,5,9) Use objects to multiply 1 digit numbers by 2	(3,9) Use objects to multiply 1 digit numbers by 2
	Solve one step problems involving division (using objects)	(6) Use objects to divide numbers by 2 (up to 20)	(2,5,9) Use objects to divide numbers by 2 (up to 20)	(3,9) Use objects to divide numbers by 2 (up to 20)
	Show that multipication of numbers can be done in any order and division cannot	(7) Rearrange multplication problems to show the order of numbers can be changed	(9) Rearrange multplication problems to show the order of numbers can be changed	(9) Rearrange multplication problems to show the order of numbers can be changed
Fractions	Recognise, find write, name and count fractions	(9) Find and show a fraction of a shape and amount (1/2, 1/4, 2/4, 3/4, 1/3) to 20	(10) Find and show a fraction of a shape and amount (1/2, 1/4, 2/4, 3/4, 1/3) to 20	(4, 10) Find and show a fraction of a shape and amount (1/2, 1/4, 2/4, 3/4, 1/3) to 20
	Solve equivalent fractions	(9) Recognise and match equvalent fractions (1/2 as 3/4)	(10) Recognise and match equivalent fractions (1/2 as 3/4)	(4, 10) Recognise and match equivalent fractions (1/2 as 3/4)
Measurement	Compare describe and order measures	(14) Compare and order measurements	(3) Compare and order measurements	(7) Compare and order measurements
	Estimate measure and read scales	(14) Estimate before measuring, giving reasons for your predictions	(3) Estimate before measuring, giving reasons for your predictions	(7) Estimate before measuring, giving reasons for your predictions
	Know the value of money	(12) Recognise and know the value of coins and notes	(3) Recognise and know the value of coins and notes	(8) Recognise and know the value of coins and notes
	Solve problems involving money	(12) Combine coins to make a total including different combination for the same amount	(3) Combine coins to make a total including different combination for the same amount	(8) Combine coins to make a total including different combination for the same amount
	Telling time	(11) Tell the time to the hour, half past, quarter past and quarter to, draw hands on a clock to s	(4) Tell the time to the hour, half past, quarter past and quarter to, draw hands on a clock to show time	(5) Tell the time to the hour, half past, quarter past and quarter to, draw hands on a clock to show time
	Ordering events	(11) Sequence events in chronological order using language: before, next, yesterday, tomorrow	(4) Sequence events in chronological order using language: before, next, yesterday, tomorrow	(5) Sequence events in chronological order using language: before, next, yesterday, tomorrow
	Recognise day, week, month and year		(4) Use language relating to day, week, month and year. Name days and months.	(5) Use language relating to day, week, month and year. Name days and months.
	Solve problems involving length	(14) Measure, record and compare length in CM and MM	(3,7) Measure, record and compare length in CM and MM	(7) Measure, record and compare length in CM and MM
	Solve problems involving weight/mass	(14) Measure, record and compare weight using standard units (G, KG)	(3,7) Measure, record and compare weight using standard units (G, KG)	(7) Measure, record and compare weight using standard units (G, KG)
	Solve problems involving capacity/volume	(14) Measure, record and compare capacity using standard units (ML, L)	(3,7) Measure, record and compare capacity using standard units (ML, L)	(7) Measure, record and compare capacity using standard units (ML, L)
Geometry	Recognise and name common shapes	(10) Recognise and name common 2D and 3D shapes including 2D shapes as faces of 3D shapes	(7) Recognise and name common 2D and 3D shapes including 2D shapes as faces of 3D shapes	(11) Recognise and name common 2D and 3D shapes including 2D shapes as faces of 3D shapes
	Describe the properties of shapes	(10) Describe 2D shapes using corners and sides. Describe 3D shapes using faces, edges and ver	(7) Describe 2D shapes using corners and sides. Describe 3D shapes using faces, edges and vertices.	(11) Describe 2D shapes using corners and sides. Describe 3D shapes using faces, edges and vertices.
	Draw and make shapes	(10) Draw 2D shapes based on clues based on properties of shapes and combineshapes	(7) Draw 2D shapes based on clues based on properties of shapes and combineshapes	(11) Draw 2D shapes based on clues based on properties of shapes and combineshapes
	Show the lines of symmetry in a shape	(10) Record the lines of symmetry on 2D shapes, begin to identify when a shape has NO lines o	(7) Record the lines of symmetry on 2D shapes, begin to identify when a shape has NO lines of symmetr	(11) Record the lines of symmetry on 2D shapes, begin to identify when a shape has NO lines of symmetry
	Describe position, direction and movement	(13) Show and describe turns of quarter, half and three-quarter through left, right, clockwise, a	(10) Show and describe turns of quarter, half and three-quarter through left, right, clockwise, anti-clock	(11) Show and describe turns of quarter, half and three-quarter through left, right, clockwise, anti-clockwise
	Describe position, direction and movement	(13) Know the difference between a left and right turn	(10) Know the difference between a left and right turn	(11) Know the difference between a left and right turn
Statistics	Interpret and represent data	(8) Interpret and construct simple pictograms, tally charts, block diagrams and simple tables	(3) Interpret and construct simple pictograms, tally charts, block diagrams and simple tables	(5) Interpret and construct simple pictograms, tally charts, block diagrams and simple tables
	Solve problms involving data	(8) Ask and asnwer questions by counting, totalling and comparing the number of objects in ea	(3) Ask and asnwer questions by counting, totalling and comparing the number of objects in each categ	(5) Ask and answer questions by counting, totalling and comparing the number of objects in each category
Mental maths and Times tables	Recall addition number bonds	(1) Mentally recall addition facts to 10 out loud	(1) Mentally recall addition facts to 10 out loud	(1) Mentally recall addition facts to 20 out loud
	Recall subtraction number bonds	(3) Mentally recall subtraction facts to 10 out loud	(3) Mentally recall subtraction facts to 10 out loud	(3) Mentally recall subtraction facts to 20 out loud
	Recall Multiplication facts	(5) Mentally recall x2 multiplication facts to 20	(5) Mentally recall x2 multiplication facts to 20	(5) Mentally recall x2x 5 and x10 multiplication facts to 20
	Recall division number facts	(6) Mentally recall half of a number to 20. Be able to phrase as ___ divided by 2 equals __	(6) Mentally recall half of a number to 20. Be able to phrase as ___ divided by 2 equals __	(6) Mentally recall half of a number to 20. Be able to phrase as ___ divided by 2 equals __
	Count up in steps of 2, 5 and 10	(2) Count in 2's to 20, begin to count in 5's out loud to 50	(2) Count in 2's to 20, begin to count in 5's out loud to 50	(2) Count in 2's to 20, begin to count in 5's out loud to 50
	Count down in steps of 2,5 and 10	(2) Begin to count down from 20 in 2's	(2) Begin to count down from 20 in 2's	(2) Count down from 20 in 2's
Assessment				