



Maths Curriculum: Coverage and Outcomes Knowledge and Skills

Stage 1

Stage 1 learning is planned to be the building blocks for the learning in stages 2 & 3.

Stage 1 is based upon experience learning and students learning from real life experiences, the aim of our stage 1 curriculum is to foster engagement and develop a love of learning. Stage 1 is a platform for all students to make progress whatever their starting point or educational background.

Coverage		Outcomes Knowledge and Skills					
		Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Number	Number and place value	Counting Principles Gelman & Gallistel (1978) 1. One-one principle I can assign one number name to each object being counted 2. Stable order Principle I know and understand that when counting, the numbers have to be said in a certain order 3. The Cardinal Principle I know and understand when counting that the number name assigned to the final object in a group is the total number of objects in the group 4. The Abstraction Principle: I know and understand that anything can be counted including things that can not be touched including sounds and movements 5. The Order-irrelevance Principle. I know and understand that the order we count a group of objects is irrelevant. There will still be the same number	<ul style="list-style-type: none"> • I know number names to 5 • I know the difference between 'one' and lots • I can join in repetitive verse (sound pattern) • I can count objects with support • I can assist with one-to-one matching activities • I can count objects in irregular arrangements • I can join in number rhymes • I can play simple dice games • I can indicate 1 using words, objects, signs and symbols • I can demonstrate an understanding of the concept of 1:1 correspondence, e.g. giving one cup to each pupil • I can say number words in sequence • I can count out or 'give' a number of things from a larger group. <i>[not just the number that are</i> 	Counting Principles Gelman & Gallistel (1978) 1. One-one principle I can assign one number name to each object being counted 2. Stable order Principle I know and understand that when counting, the numbers have to be said in a certain order 3. The Cardinal Principle I know and understand when counting that the number name assigned to the final object in a group is the total number of objects in the group 4. The Abstraction Principle: I know and understand that anything can be counted including things that can not be touched including sounds and movements 5. The Order-irrelevance Principle. I know and understand that the order we count a group of objects is irrelevant. There will still be the same number	<ul style="list-style-type: none"> • I know number names to 5 • I know the difference between 'one' and lots • I can join in repetitive verse (sound pattern) • I can count objects with support • I can assist with one-to-one matching activities • I can count objects in irregular arrangements • I can join in number rhymes • I can play simple dice games • I can indicate 1 using words, objects, signs and symbols • I can demonstrate an understanding of the concept of 1:1 correspondence, e.g. giving one cup to each pupil • I can say number words in sequence • I can count out or 'give' a number of things from a larger group. <i>[not just the number that are there</i> 	Counting Principles Gelman & Gallistel (1978) 1. One-one principle I can assign one number name to each object being counted 2. Stable order Principle I know and understand that when counting, the numbers have to be said in a certain order 3. The Cardinal Principle I know and understand when counting that the number name assigned to the final object in a group is the total number of objects in the group 4. The Abstraction Principle: I know and understand that anything can be counted including things that can not be touched including sounds and movements 5. The Order-irrelevance Principle. I know and understand that the order we count a group	<ul style="list-style-type: none"> • I know number names to 5 • I know the difference between 'one' and lots • I can join in repetitive verse (sound pattern) • I can count objects with support • I can assist with one-to-one matching activities • I can count objects in irregular arrangements • I can join in number rhymes • I can play simple dice games • I can indicate 1 using words, objects, signs and symbols • I can demonstrate an understanding of the concept of 1:1 correspondence, e.g. giving one cup to each pupil • I can say number words in sequence • I can count out or 'give' a number of things from a larger group. <i>[not just the number that are there</i>

			<p><i>there supporting focus on the 'stopping number' which gives the cardinal value.]</i></p> <ul style="list-style-type: none"> • I can make a group of "one and "lots" • I can recognise how many things are in a group without having to count them one by one (Subitising) 		<p><i>supporting focus on the 'stopping number' which gives the cardinal value.]</i></p> <ul style="list-style-type: none"> • I can make a group of "one and "lots" • I can recognise how many things are in a group without having to count them one by one (Subitising) 	of objects is irrelevant. There will still be the same number	<p><i>supporting focus on the 'stopping number' which gives the cardinal value.]</i></p> <ul style="list-style-type: none"> • I can make a group of "one and "lots" • I can recognise how many things are in a group without having to count them one by one (Subitising)
	Calculations-Addition and Subtraction	<ul style="list-style-type: none"> • I know "find one the same" requires matching • I can make groups of objects with assistance • I can match an object to another object • I can communicate 'Gone' or 'All gone' appropriately 	<ul style="list-style-type: none"> • I know "find one the same" requires matching • I can make groups of objects with assistance • I can match an object to another object • I can communicate 'Gone' or 'All gone' appropriately 		<ul style="list-style-type: none"> • I know "find one the same" requires matching • I can make groups of objects with assistance • I can match an object to another object • I can communicate 'Gone' or 'All gone' appropriately 		<ul style="list-style-type: none"> • I know "find one the same" requires matching • I can make groups of objects with assistance • I can match an object to another object • I can communicate 'Gone' or 'All gone' appropriately
	Calculations-Multiplication and division			<ul style="list-style-type: none"> • I can make groups of 2 • I can match pairs of objects • I can give two objects to each person in the group • I can request more of the correct object to complete 1 to 1 matching 		<ul style="list-style-type: none"> • I can make groups of 2 • I can match pairs of objects • I can give two objects to each person in the group • I can request more of the correct object to complete 1 to 1 matching 	<ul style="list-style-type: none"> • I can make groups of 2 • I can match pairs of objects • I can give two objects to each person in the group • I can request more of the correct object to complete 1 to 1 matching
	Fractions (Including Decimals & Percentages)	<ul style="list-style-type: none"> • I know that 'share' requires distribution of some of a group of objects • I can share concrete objects between people (not necessarily correctly) • I can fold cardboard in two roughly equal parts, e.g. to make a card 				<ul style="list-style-type: none"> • I know that 'share' requires distribution of some of a group of objects • I can share concrete objects between people (not necessarily correctly) • I can fold cardboard in two roughly equal parts, e.g. to make a card 	
Measurement and Geometry	Measurement Weight			<ul style="list-style-type: none"> • I know the terms 'heavy' and 'light' • I can use the terms 'heavy' and 'light' in play • I can use tools to pick up objects 			
	Measurement Length	<ul style="list-style-type: none"> • I know the terms 'big' and 'small' 					
	Measurement Capacity				<ul style="list-style-type: none"> • I can fill a container with objects 		

					<ul style="list-style-type: none"> I can pour liquid between containers 		
	Measurement Money		<ul style="list-style-type: none"> I can match coins I can role play shopping I can sort coins into silver and copper I can demonstrate an understanding of the concept of transaction (e.g. by exchanging a coin for an item, or one item for another, during a role-play activity) 			<ul style="list-style-type: none"> I can match coins I can role play shopping I can sort coins into silver and copper I can demonstrate an understanding of the concept of transaction (e.g. by exchanging a coin for an item, or one item for another, during a role-play activity) 	
	Measurement Time			<ul style="list-style-type: none"> I can recognise clues from routines about upcoming activity, e.g. home time, music lesson, etc. 			<ul style="list-style-type: none"> I can communicate about something I do during the day and night
	Properties of Shape				<ul style="list-style-type: none"> I can match 2D shapes I can trace circular movements 		
	Position and Direction		<ul style="list-style-type: none"> I can underwrite a simple drawn pattern, e.g. copying " - - - " underneath 				
Statistics and Probability	Statistics			<ul style="list-style-type: none"> I can recognise and sorts familiar object regardless of colour 	<ul style="list-style-type: none"> I can find an object with one specific characteristic, e.g. an object that is: green, hard, little, etc.(with support) Groups similar objects into simple sets with support, e.g. cars, animals, etc. 		

Stage 2

Builds on Stage 1 Learning

Coverage		Step	Outcomes Knowledge and Skills					
			Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Number	Number and place value	PS2	<ul style="list-style-type: none"> I can continue simple AB patterns I can count up to 5 objects I can identify numerals to 5 I can sequence numerals to 5 I can represent numbers to 5 in a range of ways 	<ul style="list-style-type: none"> I can continue simple AB patterns I can count up to 5 objects I can identify numerals to 5 I can sequence numerals to 5 I can represent numbers to 5 in a range of ways 	<ul style="list-style-type: none"> I can continue simple AB patterns I can count up to 5 objects I can identify numerals to 5 I can sequence numerals to 5 I can represent numbers to 5 in a range of ways 	<ul style="list-style-type: none"> I can continue simple AB patterns I can count up to 5 objects I can identify numerals to 5 I can sequence numerals to 5 I can represent numbers to 5 in a range of ways 	<ul style="list-style-type: none"> I can continue simple AB patterns I can count up to 5 objects I can identify numerals to 5 I can sequence numerals to 5 I can represent numbers to 5 in a range of ways 	<ul style="list-style-type: none"> I can continue simple AB patterns I can count up to 5 objects I can identify numerals to 5 I can sequence numerals to 5 I can represent numbers to 5 in a range of ways
		PS3	<ul style="list-style-type: none"> I can count to 10, forwards and backwards, beginning with 0 or 1, or from any given number I can count, read and write numbers to 10 in numerals I can compare quantities to 10 using simple terminology (more/less, bigger/smaller) I can describe positions using ordinal numbers 	<ul style="list-style-type: none"> I can count to 10, forwards and backwards, beginning with 0 or 1, or from any given number I can count, read and write numbers to 10 in numerals I can compare quantities to 10 using simple terminology (more/less, bigger/smaller) I can describe positions using ordinal numbers 	<ul style="list-style-type: none"> I can count to 10, forwards and backwards, beginning with 0 or 1, or from any given number I can count, read and write numbers to 10 in numerals I can compare quantities to 10 using simple terminology (more/less, bigger/smaller) I can describe positions using ordinal numbers 	<ul style="list-style-type: none"> I can count to 10, forwards and backwards, beginning with 0 or 1, or from any given number I can count, read and write numbers to 10 in numerals I can compare quantities to 10 using simple terminology (more/less, bigger/smaller) I can describe positions using ordinal numbers 	<ul style="list-style-type: none"> I can count to 10, forwards and backwards, beginning with 0 or 1, or from any given number I can count, read and write numbers to 10 in numerals I can compare quantities to 10 using simple terminology (more/less, bigger/smaller) I can describe positions using ordinal numbers 	<ul style="list-style-type: none"> I can count to 10, forwards and backwards, beginning with 0 or 1, or from any given number I can count, read and write numbers to 10 in numerals I can compare quantities to 10 using simple terminology (more/less, bigger/smaller) I can describe positions using ordinal numbers
		PS4	<ul style="list-style-type: none"> I can count, read and write numbers to 20 in numerals I can count to 20, forwards and backwards, beginning with 0 or 1, or from any given number I can compare quantities to 20 using simple terminology (more/less, bigger/smaller) 	<ul style="list-style-type: none"> I can count, read and write numbers to 20 in numerals I can count to 20, forwards and backwards, beginning with 0 or 1, or from any given number I can compare quantities to 20 using simple terminology (more/less, bigger/smaller) 	<ul style="list-style-type: none"> I can count, read and write numbers to 20 in numerals I can count to 20, forwards and backwards, beginning with 0 or 1, or from any given number I can compare quantities to 20 using simple terminology (more/less, bigger/smaller) 	<ul style="list-style-type: none"> I can count, read and write numbers to 20 in numerals I can count to 20, forwards and backwards, beginning with 0 or 1, or from any given number I can compare quantities to 20 using simple terminology (more/less, bigger/smaller) 	<ul style="list-style-type: none"> I can count, read and write numbers to 20 in numerals I can count to 20, forwards and backwards, beginning with 0 or 1, or from any given number I can compare quantities to 20 using simple terminology (more/less, bigger/smaller) 	<ul style="list-style-type: none"> I can count, read and write numbers to 20 in numerals I can count to 20, forwards and backwards, beginning with 0 or 1, or from any given number I can compare quantities to 20 using simple terminology (more/less, bigger/smaller)

		<ul style="list-style-type: none"> I can identify one more/less than a number to 20 I can identify the numbers between two given numbers to 20 I can order quantities/numerals to 20 consistently I can place three non-sequential numbers up to 20 in order I can join in rote counting to 100 in 1s and 10s 	<ul style="list-style-type: none"> I can identify one more/less than a number to 20 I can identify the numbers between two given numbers to 20 I can order quantities/numerals to 20 consistently I can place three non-sequential numbers up to 20 in order I can join in rote counting to 100 in 1s and 10s 	<ul style="list-style-type: none"> I can identify one more/less than a number to 20 I can identify the numbers between two given numbers to 20 I can order quantities/numerals to 20 consistently I can place three non-sequential numbers up to 20 in order I can join in rote counting to 100 in 1s and 10s 	<ul style="list-style-type: none"> I can identify one more/less than a number to 20 I can identify the numbers between two given numbers to 20 I can order quantities/numerals to 20 consistently I can place three non-sequential numbers up to 20 in order I can join in rote counting to 100 in 1s and 10s 	<ul style="list-style-type: none"> I can identify one more/less than a number to 20 I can identify the numbers between two given numbers to 20 I can order quantities/numerals to 20 consistently I can place three non-sequential numbers up to 20 in order I can join in rote counting to 100 in 1s and 10s 	<ul style="list-style-type: none"> I can identify one more/less than a number to 20 I can identify the numbers between two given numbers to 20 I can order quantities/numerals to 20 consistently I can place three non-sequential numbers up to 20 in order I can join in rote counting to 100 in 1s and 10s
Calculations - Addition and Subtraction	PS2	<ul style="list-style-type: none"> I know to count a set of objects when asked "How many?" I can make groups of a specified number to 5 	<ul style="list-style-type: none"> I know to count a set of objects when asked "How many?" I can make groups of a specified number to 5 		<ul style="list-style-type: none"> I know to count a set of objects when asked "How many?" I can make groups of a specified number to 5 		<ul style="list-style-type: none"> I know to count a set of objects when asked "How many?" I can make groups of a specified number to 5
	PS3	<ul style="list-style-type: none"> I can use real-life materials (e.g. apples or crayons) to add and subtract 1 from a group of objects and indicates how many are now present (PKSS) I can add and subtract to 10 using concrete objects I know and understand simple terminology of addition and subtraction (add, altogether, take away) I know to take objects away from a group when asked to subtract 	<ul style="list-style-type: none"> I can use real-life materials (e.g. apples or crayons) to add and subtract 1 from a group of objects and indicates how many are now present (PKSS) I can add and subtract to 10 using concrete objects I know and understand simple terminology of addition and subtraction (add, altogether, take away) I know to take objects away from a group when asked to subtract 		<ul style="list-style-type: none"> I can use real-life materials (e.g. apples or crayons) to add and subtract 1 from a group of objects and indicates how many are now present (PKSS) I can add and subtract to 10 using concrete objects I know and understand simple terminology of addition and subtraction (add, altogether, take away) I know to take objects away from a group when asked to subtract 		<ul style="list-style-type: none"> I can use real-life materials (e.g. apples or crayons) to add and subtract 1 from a group of objects and indicates how many are now present (PKSS) I can add and subtract to 10 using concrete objects I know and understand simple terminology of addition and subtraction (add, altogether, take away) I know to take objects away from a group when asked to subtract
	PS4	<ul style="list-style-type: none"> I know and understand the mathematical symbols of +, -, and = I can find the difference between two numbers using objects I can count on to find the total to 20 I can read, write and interpret statements 	<ul style="list-style-type: none"> I know and understand the mathematical symbols of +, -, and = I can find the difference between two numbers using objects I can count on to find the total to 20 I can read, write and interpret statements 		<ul style="list-style-type: none"> I know and understand the mathematical symbols of +, -, and = I can find the difference between two numbers using objects I can count on to find the total to 20 I can read, write and interpret statements 		<ul style="list-style-type: none"> I know and understand the mathematical symbols of +, -, and = I can find the difference between two numbers using objects I can count on to find the total to 20 I can read, write and interpret statements

			<p>involving addition, subtraction and equals</p> <ul style="list-style-type: none"> I can solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = ? - 9$ 	<p>involving addition, subtraction and equals</p> <ul style="list-style-type: none"> I can solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = ? - 9$ 		<p>involving addition, subtraction and equals</p> <ul style="list-style-type: none"> I can solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = ? - 9$ 		<p>involving addition, subtraction and equals</p> <ul style="list-style-type: none"> I can solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = ? - 9$
	Calculations - Multiplication and division	PS2			<ul style="list-style-type: none"> I can make groups of a specified number to 5 		<ul style="list-style-type: none"> I can make groups of a specified number to 5 	<ul style="list-style-type: none"> I can make groups of a specified number to 5
		PS3			<ul style="list-style-type: none"> I can combine 2 equal groups 		<ul style="list-style-type: none"> I can combine 2 equal groups 	<ul style="list-style-type: none"> I can combine 2 equal groups
		PS4			<ul style="list-style-type: none"> I can double any number to ten I can divide groups of objects in half I can share concrete objects between a given number 		<ul style="list-style-type: none"> I can double any number to ten I can divide groups of objects in half I can share concrete objects between a given number 	<ul style="list-style-type: none"> I can double any number to ten I can divide groups of objects in half I can share concrete objects between a given number
	Fractions (Including Decimals & Percentages)	PS2	<ul style="list-style-type: none"> I can share concrete objects between small group I can combine halves and quarters to make a whole with support 				<ul style="list-style-type: none"> I can share concrete objects between small group I can combine halves and quarters to make a whole with support 	
		PS3	<ul style="list-style-type: none"> I can talk about half in conversations I can share objects into groups 				<ul style="list-style-type: none"> I can talk about half in conversations I can share objects into groups 	
		PS4	<ul style="list-style-type: none"> I can divide groups of objects in half I can share concrete objects between a given number I can share objects into equal groups I can recognise, find, and name a half as one of two equal parts of an 				<ul style="list-style-type: none"> I can divide groups of objects in half I can share concrete objects between a given number I can share objects into equal groups I can recognise, find, and name a half as one of two equal parts of an 	

			<p>object, shape, or quantity</p> <ul style="list-style-type: none"> I can combine halves and quarters to make a whole 				<p>object, shape, or quantity</p> <ul style="list-style-type: none"> I can combine halves and quarters to make a whole 	
Measurement and Geometry	Measurement Weight	PS2			<ul style="list-style-type: none"> I can describe and compare weight using simple terminology I can compare the weight of two objects with assistance 			
		PS3			<ul style="list-style-type: none"> I can compare weights by handling I can find objects which are lighter/heavier than a specified item 			
		PS4			<ul style="list-style-type: none"> I can compare weights using a balance I can order two or three items by mass I can record measurements of mass in terms of units used, e.g. bricks or cubes 			
	Measurement Length	PS2	<ul style="list-style-type: none"> I can identify the big or small object from a selection of two I can use simple terms to describe length (long/short, big/small) 					
		PS3	<ul style="list-style-type: none"> I can identify the largest/smallest object from a selection I know and use comparative language when describing length 					
		PS4	<ul style="list-style-type: none"> I know simple vocabulary 					

			<p>associated with length and height, e.g. "longer, shorter"</p> <ul style="list-style-type: none"> I can estimate length using non-standard units I can measure length using non-standard units 				
Measurement Capacity	PS2					I can compare capacity using simple terms	
	PS3					I can make simple estimates when testing capacity I can compare capacity of containers	
	PS4					I can calculate capacity using non-standard units I can compare the volume of three containers and order them by size	
Measurement Money	PS2		I can sort coins by size and colour I can shop with items valued up to 5p using 1p coins			I can sort coins by size and colour I can shop with items valued up to 5p using 1p coins	
	PS3		I can make 10 pence using ten 1p coins I can sort coins into two groups, e.g. copper and silver			I can make 10 pence using ten 1p coins I can sort coins into two groups, e.g. copper and silver	
	PS4		I know a range of coin values I can give equivalent amounts to 10p with support I can solve money problems involving + and - of single digit numbers up to 10p			I know a range of coin values I can give equivalent amounts to 10p with support I can solve money problems involving + and - of single digit numbers up to 10p	
Measurement Time	PS2				I can sequences three pictures of daily events		I can sequences three pictures of daily events
	PS3				I can use a range of vocabulary to describe key parts of the day <ul style="list-style-type: none"> I can recount what I did a short time ago 		<ul style="list-style-type: none"> I can use a range of vocabulary to describe key parts of the day

					<ul style="list-style-type: none"> I can discuss key times of the day in simple terms 			<ul style="list-style-type: none"> I can recount what I did a short time ago I can discuss key times of the day in simple terms
	PS4				<ul style="list-style-type: none"> I can read hours and half hours on a digital clock I can read the time in hours on an analogue clock I know and use language relating to dates, including days of the week, weeks, months, and years 			<ul style="list-style-type: none"> I can read hours and half hours on a digital clock I can read the time in hours on an analogue clock I know and use language relating to dates, including days of the week, weeks, months, and years
Properties of Shape	PS2					<ul style="list-style-type: none"> I know some shape names I can select a specific shape from a collection I can trace simple shapes I can sort shapes 		
	PS3					<ul style="list-style-type: none"> I can describe handled shapes by number of sides and corners they have I can draw some simple shapes 		
	PS4					<ul style="list-style-type: none"> I can name common 2D and 3D shapes I can describe a range of patterns 		
Position and Direction	PS2			<ul style="list-style-type: none"> I can copy a pattern using real life materials, e.g. apples, oranges and bananas I can describe the directional movement of an object I can move an object forwards/backwards on request I can respond appropriately to 				

				position-based terminology, e.g. Put your coat behind the door				
		PS3		<ul style="list-style-type: none"> • I can rotate puzzle shapes to fit into place • I can describe where objects are in relation to others using positional language • I can find items from simple positional and directional clues • I can place objects where asked, e.g. 'on top of' • I can follow 'forward', 'backward' and 'turn' instructions • I can give another person forward, backward and turn instructions to move from one point to another 				
		PS4		<ul style="list-style-type: none"> • I can describe position using the terms "right" and "left" correctly • I can create and describe a range of patterns, e.g. using shapes and cubes 				
Statistics and Probability	Statistics	PS2			<ul style="list-style-type: none"> • I can find common attributes, e.g. both balls bounce • I can identify the differences between two similar objects, e.g. one ball is red and one is blue, etc. • I can communicate what I can see in a pictogram • I can make a mark on a tally when prompted 	<ul style="list-style-type: none"> • I can find common attributes, e.g. both balls bounce • I can identify the differences between two similar objects, e.g. one ball is red and one is blue, etc. • I can communicate what I can see in a pictogram • I can make a mark on a tally when prompted 		

		PS3			<ul style="list-style-type: none"> I can complete a tally chart with minimal assistance I can record data through pictures, e.g. weather information using pictures of the sun and rain I can identify similarities and differences when comparing data 	<ul style="list-style-type: none"> I can complete a tally chart with minimal assistance I can record data through pictures, e.g. weather information using pictures of the sun and rain I can identify similarities and differences when comparing data 		
		PS4			<ul style="list-style-type: none"> I can count objects in each category to find the total I can record results using a simple pre-drawn chart I can sort objects by given criterion I can extract simple information from a pictogram/block diagram 	<ul style="list-style-type: none"> I can count objects in each category to find the total I can record results using a simple pre-drawn chart I can sort objects by given criterion I can extract simple information from a pictogram/block diagram 		

Stage 3

Builds on Stage 2 Learning

Coverage		Step	Outcomes Knowledge and Skills					
			Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Number	Number and place value	PS5	<ul style="list-style-type: none"> I can count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number I can read and write numbers from 1 to 100 in numerals and words. 	<ul style="list-style-type: none"> I can count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number I can read and write numbers from 1 to 100 in numerals and words. 	<ul style="list-style-type: none"> I can count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number I can read and write numbers from 1 to 100 in numerals and words. 	<ul style="list-style-type: none"> I can count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number I can read and write numbers from 1 to 100 in numerals and words. 	<ul style="list-style-type: none"> I can count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number I can read and write numbers from 1 to 100 in numerals and words. 	<ul style="list-style-type: none"> I can count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number I can read and write numbers from 1 to 100 in numerals and words.

		<ul style="list-style-type: none"> I can Identify one more and one less from a given number I can use the language of: equal to, more than, less than (fewer), most, least I can Identify and represent numbers using objects and pictorial representations including the number line I know and recognise the place value of each digit in a two-digit number (10s, 1s) I can partition a two-digit number into tens and ones to demonstrate an understanding of place value, though they may use structured resources to support them (PKSS) I can compare and order numbers from 0 up to 100 I can group objects into tens to assist counting I can identify a number given the number of tens and units 	<ul style="list-style-type: none"> I can Identify one more and one less from a given number I can use the language of: equal to, more than, less than (fewer), most, least I can Identify and represent numbers using objects and pictorial representations including the number line I know and recognise the place value of each digit in a two-digit number (10s, 1s) I can partition a two-digit number into tens and ones to demonstrate an understanding of place value, though they may use structured resources to support them (PKSS) I can compare and order numbers from 0 up to 100 I can group objects into tens to assist counting I can identify a number given the number of tens and units 	<ul style="list-style-type: none"> I can Identify one more and one less from a given number I can use the language of: equal to, more than, less than (fewer), most, least I can Identify and represent numbers using objects and pictorial representations including the number line I know and recognise the place value of each digit in a two-digit number (10s, 1s) I can partition a two-digit number into tens and ones to demonstrate an understanding of place value, though they may use structured resources to support them (PKSS) I can compare and order numbers from 0 up to 100 I can group objects into tens to assist counting I can identify a number given the number of tens and units 	<ul style="list-style-type: none"> I can Identify one more and one less from a given number I can use the language of: equal to, more than, less than (fewer), most, least I can Identify and represent numbers using objects and pictorial representations including the number line I know and recognise the place value of each digit in a two-digit number (10s, 1s) I can partition a two-digit number into tens and ones to demonstrate an understanding of place value, though they may use structured resources to support them (PKSS) I can compare and order numbers from 0 up to 100 I can group objects into tens to assist counting I can identify a number given the number of tens and units 	<ul style="list-style-type: none"> I can Identify one more and one less from a given number I can use the language of: equal to, more than, less than (fewer), most, least I can Identify and represent numbers using objects and pictorial representations including the number line I know and recognise the place value of each digit in a two-digit number (10s, 1s) I can partition a two-digit number into tens and ones to demonstrate an understanding of place value, though they may use structured resources to support them (PKSS) I can compare and order numbers from 0 up to 100 I can group objects into tens to assist counting I can identify a number given the number of tens and units 	<ul style="list-style-type: none"> I can Identify one more and one less from a given number I can use the language of: equal to, more than, less than (fewer), most, least I can Identify and represent numbers using objects and pictorial representations including the number line I know and recognise the place value of each digit in a two-digit number (10s, 1s) I can partition a two-digit number into tens and ones to demonstrate an understanding of place value, though they may use structured resources to support them (PKSS) I can compare and order numbers from 0 up to 100 I can group objects into tens to assist counting I can identify a number given the number of tens and units
	PS6	<ul style="list-style-type: none"> I can use place value and number facts to solve problems I can read scales in divisions of ones, twos, fives, and tens (PKSS) I can partition any two-digit number into different combinations of tens and ones, explaining their thinking verbally, in pictures or using apparatus (PKSS) I can check calculations using a range of strategies I can compare, order and records numbers using $>$ $<$ and $=$ 	<ul style="list-style-type: none"> I can use place value and number facts to solve problems I can read scales in divisions of ones, twos, fives, and tens (PKSS) I can partition any two-digit number into different combinations of tens and ones, explaining their thinking verbally, in pictures or using apparatus (PKSS) I can check calculations using a range of strategies I can compare, order and records numbers using $>$ $<$ and $=$ 	<ul style="list-style-type: none"> I can use place value and number facts to solve problems I can read scales in divisions of ones, twos, fives, and tens (PKSS) I can partition any two-digit number into different combinations of tens and ones, explaining their thinking verbally, in pictures or using apparatus (PKSS) I can check calculations using a range of strategies I can compare, order and records numbers using $>$ $<$ and $=$ 	<ul style="list-style-type: none"> I can use place value and number facts to solve problems I can read scales in divisions of ones, twos, fives, and tens (PKSS) I can partition any two-digit number into different combinations of tens and ones, explaining their thinking verbally, in pictures or using apparatus (PKSS) I can check calculations using a range of strategies I can compare, order and records numbers using $>$ $<$ and $=$ 	<ul style="list-style-type: none"> I can use place value and number facts to solve problems I can read scales in divisions of ones, twos, fives, and tens (PKSS) I can partition any two-digit number into different combinations of tens and ones, explaining their thinking verbally, in pictures or using apparatus (PKSS) I can check calculations using a range of strategies I can compare, order and records numbers using $>$ $<$ and $=$ 	<ul style="list-style-type: none"> I can use place value and number facts to solve problems I can read scales in divisions of ones, twos, fives, and tens (PKSS) I can partition any two-digit number into different combinations of tens and ones, explaining their thinking verbally, in pictures or using apparatus (PKSS) I can check calculations using a range of strategies I can compare, order and records numbers using $>$ $<$ and $=$

			<ul style="list-style-type: none"> I can count beyond 100 I can count in twos, fives and tens from 0 up to 100 I know and demonstrate knowledge of zero as a place holder, e.g. $40 = 4$ tens 0 ones I can estimate numbers to 100 I know if a number is odd or even I can recognise the inverse relationships between addition and subtraction and uses this to check calculations or work out missing number problems I know, understand and use the terms "calculate", "continue" and "sequence" 	<ul style="list-style-type: none"> I can count beyond 100 I can count in twos, fives and tens from 0 up to 100 I know and demonstrate knowledge of zero as a place holder, e.g. $40 = 4$ tens 0 ones I can estimate numbers to 100 I know if a number is odd or even I can recognise the inverse relationships between addition and subtraction and uses this to check calculations or work out missing number problems I know, understand and use the terms "calculate", "continue" and "sequence" 	<ul style="list-style-type: none"> I can count beyond 100 I can count in twos, fives and tens from 0 up to 100 I know and demonstrate knowledge of zero as a place holder, e.g. $40 = 4$ tens 0 ones I can estimate numbers to 100 I know if a number is odd or even I can recognise the inverse relationships between addition and subtraction and uses this to check calculations or work out missing number problems I know, understand and use the terms "calculate", "continue" and "sequence" 	<ul style="list-style-type: none"> I can count beyond 100 I can count in twos, fives and tens from 0 up to 100 I know and demonstrate knowledge of zero as a place holder, e.g. $40 = 4$ tens 0 ones I can estimate numbers to 100 I know if a number is odd or even I can recognise the inverse relationships between addition and subtraction and uses this to check calculations or work out missing number problems I know, understand and use the terms "calculate", "continue" and "sequence" 	<ul style="list-style-type: none"> I can count beyond 100 I can count in twos, fives and tens from 0 up to 100 I know and demonstrate knowledge of zero as a place holder, e.g. $40 = 4$ tens 0 ones I can estimate numbers to 100 I know if a number is odd or even I can recognise the inverse relationships between addition and subtraction and uses this to check calculations or work out missing number problems I know, understand and use the terms "calculate", "continue" and "sequence" 	<ul style="list-style-type: none"> I can count beyond 100 I can count in twos, fives and tens from 0 up to 100 I know and demonstrate knowledge of zero as a place holder, e.g. $40 = 4$ tens 0 ones I can estimate numbers to 100 I know if a number is odd or even I can recognise the inverse relationships between addition and subtraction and uses this to check calculations or work out missing number problems I know, understand and use the terms "calculate", "continue" and "sequence"
Calculations - Addition and Subtraction	PS5	<ul style="list-style-type: none"> I can recall at least four of the six number bonds for 10 and reasons about associated facts (e.g. $6 + 4 = 10$, therefore $4 + 6 = 10$ and $10 - 6 = 4$) (PKSS) I can represent and use number bonds and related subtraction facts within 20 I can add and subtract one-digit and two-digit numbers to 20, including 0 Solves problems with addition and subtraction using concrete objects and pictorial representations, including those involving numbers, quantities, and measures I know that addition of 2 numbers can be done in any order (commutative) and subtraction of 1 	<ul style="list-style-type: none"> I can recall at least four of the six number bonds for 10 and reasons about associated facts (e.g. $6 + 4 = 10$, therefore $4 + 6 = 10$ and $10 - 6 = 4$) (PKSS) I can represent and use number bonds and related subtraction facts within 20 I can add and subtract one-digit and two-digit numbers to 20, including 0 Solves problems with addition and subtraction using concrete objects and pictorial representations, including those involving numbers, quantities, and measures I know that addition of 2 numbers can be done in any order (commutative) and subtraction of 1 		<ul style="list-style-type: none"> I can recall at least four of the six number bonds for 10 and reasons about associated facts (e.g. $6 + 4 = 10$, therefore $4 + 6 = 10$ and $10 - 6 = 4$) (PKSS) I can represent and use number bonds and related subtraction facts within 20 I can add and subtract one-digit and two-digit numbers to 20, including 0 Solves problems with addition and subtraction using concrete objects and pictorial representations, including those involving numbers, quantities, and measures I know that addition of 2 numbers can be done in any order (commutative) and subtraction of 1 	<ul style="list-style-type: none"> I can recall at least four of the six number bonds for 10 and reasons about associated facts (e.g. $6 + 4 = 10$, therefore $4 + 6 = 10$ and $10 - 6 = 4$) (PKSS) I can represent and use number bonds and related subtraction facts within 20 I can add and subtract one-digit and two-digit numbers to 20, including 0 Solves problems with addition and subtraction using concrete objects and pictorial representations, including those involving numbers, quantities, and measures I know that addition of 2 numbers can be done in any order (commutative) and subtraction of 1 	<ul style="list-style-type: none"> I can recall at least four of the six number bonds for 10 and reasons about associated facts (e.g. $6 + 4 = 10$, therefore $4 + 6 = 10$ and $10 - 6 = 4$) (PKSS) I can represent and use number bonds and related subtraction facts within 20 I can add and subtract one-digit and two-digit numbers to 20, including 0 Solves problems with addition and subtraction using concrete objects and pictorial representations, including those involving numbers, quantities, and measures I know that addition of 2 numbers can be done in any order (commutative) and subtraction of 1 	<ul style="list-style-type: none"> I can recall at least four of the six number bonds for 10 and reasons about associated facts (e.g. $6 + 4 = 10$, therefore $4 + 6 = 10$ and $10 - 6 = 4$) (PKSS) I can represent and use number bonds and related subtraction facts within 20 I can add and subtract one-digit and two-digit numbers to 20, including 0 Solves problems with addition and subtraction using concrete objects and pictorial representations, including those involving numbers, quantities, and measures I know that addition of 2 numbers can be done in any order (commutative) and subtraction of 1

			<p>number from another cannot</p> <ul style="list-style-type: none"> I know and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems I can add and subtract two-digit numbers and ones, and two-digit numbers and tens, where no regrouping is required, explaining their method verbally, in pictures or using apparatus (e.g. $23 + 5$; $46 + 20$; $16 - 5$; $88 - 30$) (PKSS) 	<p>number from another cannot</p> <ul style="list-style-type: none"> I know and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems I can add and subtract two-digit numbers and ones, and two-digit numbers and tens, where no regrouping is required, explaining their method verbally, in pictures or using apparatus (e.g. $23 + 5$; $46 + 20$; $16 - 5$; $88 - 30$) (PKSS) 		<p>number from another cannot</p> <ul style="list-style-type: none"> I know and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems I can add and subtract two-digit numbers and ones, and two-digit numbers and tens, where no regrouping is required, explaining their method verbally, in pictures or using apparatus (e.g. $23 + 5$; $46 + 20$; $16 - 5$; $88 - 30$) (PKSS) 		<p>number from another cannot</p> <ul style="list-style-type: none"> I know and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems I can add and subtract two-digit numbers and ones, and two-digit numbers and tens, where no regrouping is required, explaining their method verbally, in pictures or using apparatus (e.g. $23 + 5$; $46 + 20$; $16 - 5$; $88 - 30$) (PKSS)
	PS6	<ul style="list-style-type: none"> I can recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100 I can solve problems with addition and subtraction applying their increasing knowledge of mental and written methods I can add and subtract any 2 two-digit number using an efficient strategy, explaining my method verbally, in pictures or using apparatus (e.g. $48 + 35$; $72 - 17$) (PKSS) I know that subtraction is the inverse of addition I can record addition and subtraction in columns 	<ul style="list-style-type: none"> I can recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100 I can solve problems with addition and subtraction applying their increasing knowledge of mental and written methods I can add and subtract any 2 two-digit number using an efficient strategy, explaining my method verbally, in pictures or using apparatus (e.g. $48 + 35$; $72 - 17$) (PKSS) I know that subtraction is the inverse of addition I can record addition and subtraction in columns 		<ul style="list-style-type: none"> I can recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100 I can solve problems with addition and subtraction applying their increasing knowledge of mental and written methods I can add and subtract any 2 two-digit number using an efficient strategy, explaining my method verbally, in pictures or using apparatus (e.g. $48 + 35$; $72 - 17$) (PKSS) I know that subtraction is the inverse of addition I can record addition and subtraction in columns 		<ul style="list-style-type: none"> I can recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100 I can solve problems with addition and subtraction applying their increasing knowledge of mental and written methods I can add and subtract any 2 two-digit number using an efficient strategy, explaining my method verbally, in pictures or using apparatus (e.g. $48 + 35$; $72 - 17$) (PKSS) I know that subtraction is the inverse of addition I can record addition and subtraction in columns 	
Calculations - Multiplication and division	PS5			<ul style="list-style-type: none"> I can count in twos, fives, and tens from 0 and uses this to solve problems (PKSS) I can solve one-step problems involving multiplication and division 		<ul style="list-style-type: none"> I can count in twos, fives, and tens from 0 and uses this to solve problems (PKSS) I can solve one-step problems involving multiplication and division 		<ul style="list-style-type: none"> I can count in twos, fives, and tens from 0 and uses this to solve problems (PKSS) I can solve one-step problems involving multiplication and division

				<ul style="list-style-type: none"> • I can solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts • I can identify the operation required to solve a simple problem 		<ul style="list-style-type: none"> • I can solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts • I can identify the operation required to solve a simple problem 	<ul style="list-style-type: none"> • I can solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts • I can identify the operation required to solve a simple problem
	PS6			<ul style="list-style-type: none"> • I can recall multiplication and division facts for the two, five and ten times table • I know and demonstrate understanding of division as grouping or sharing equally • I can solve multiplication and division problems (within the two, five and ten times tables) mentally • I know multiplication can be repeated addition • I know that multiplication of 2 numbers can be done in any order (commutative) and division of 1 number by another cannot 		<ul style="list-style-type: none"> • I can recall multiplication and division facts for the two, five and ten times table • I know and demonstrate understanding of division as grouping or sharing equally • I can solve multiplication and division problems (within the two, five and ten times tables) mentally • I know multiplication can be repeated addition • I know that multiplication of 2 numbers can be done in any order (commutative) and division of 1 number by another cannot 	<ul style="list-style-type: none"> • I can recall multiplication and division facts for the two, five and ten times table • I know and demonstrate understanding of division as grouping or sharing equally • I can solve multiplication and division problems (within the two, five and ten times tables) mentally • I know multiplication can be repeated addition • I know that multiplication of 2 numbers can be done in any order (commutative) and division of 1 number by another cannot
Fractions (Including Decimals & Percentages)	PS5	<ul style="list-style-type: none"> • I can recognise, find, and name a quarter as 1 of 4 equal parts of an object, shape, or quantity • I can write simple fractions, e.g. $\frac{1}{2}$ of 6 = 3 and recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$ • I can divide simple shapes into halves and quarters • I can find half and a quarter of a set of objects 				<ul style="list-style-type: none"> • I can recognise, find, and name a quarter as 1 of 4 equal parts of an object, shape, or quantity • I can write simple fractions, e.g. $\frac{1}{2}$ of 6 = 3 and recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$ • I can divide simple shapes into halves and quarters • I can find half and a quarter of a set of objects 	

			<ul style="list-style-type: none"> I can identify halves and quarters of shaded objects I can recognise and writes the symbols $\frac{1}{2}$ and $\frac{1}{4}$ I know and uses the terms "half" and "quarter" 				<ul style="list-style-type: none"> I can identify halves and quarters of shaded objects I can recognise and writes the symbols $\frac{1}{2}$ and $\frac{1}{4}$ I know and uses the terms "half" and "quarter" 	
		PS6	<ul style="list-style-type: none"> I can identify $\frac{1}{3}$, $\frac{1}{4}$, $\frac{1}{2}$, $\frac{2}{4}$, $\frac{3}{4}$ and demonstrate that all parts must be equal parts of the whole (PKSS) I can calculate halves, quarters, thirds of a quantity, e.g. $\frac{3}{4}$ of 12 I can compare simple fractions involving halves and quarters using $<$ $>$ $=$ I can count in fractions to 10 starting at any number, and using the $\frac{1}{2}$ and $\frac{2}{4}$ equivalence on the number line I know and use the terms "fraction", "part" and "whole" correctly 				<ul style="list-style-type: none"> I can identify $\frac{1}{3}$, $\frac{1}{4}$, $\frac{1}{2}$, $\frac{2}{4}$, $\frac{3}{4}$ and demonstrate that all parts must be equal parts of the whole (PKSS) I can calculate halves, quarters, thirds of a quantity, e.g. $\frac{3}{4}$ of 12 I can compare simple fractions involving halves and quarters using $<$ $>$ $=$ I can count in fractions to 10 starting at any number, and using the $\frac{1}{2}$ and $\frac{2}{4}$ equivalence on the number line I know and use the terms "fraction", "part" and "whole" correctly 	
Measurement and Geometry	Measurement Weight	PS5			<ul style="list-style-type: none"> I can measure and begin to record mass and weight in standard units with support I can solve simple practical problems involving mass and weight I know and recognise some standard units used to measure weight I can suggest suitable units to weigh an object I can compare and describe mass/weight, e.g. heavy/light, heavier than, lighter than I can compare and order mass and record the results using $>$, $<$ and $=$ 			

		PS6			<ul style="list-style-type: none"> • I can read scales in divisions of ones, twos, fives, and tens (PKSS) • I can choose and use appropriate standard units to estimate and measure mass (kg/g) to the nearest appropriate unit, using scales • I can find the weight of objects up to 100 grams • I know the abbreviations for metric units of mass: kg, g • I can solve simple practical problems involving weights • I can compare, order and records mass using > < and = • I can estimate order and measures mass using suitable units 			
	Measurement Length	PS5	<ul style="list-style-type: none"> • I can estimate lengths/heights in any direction using m/cm to the nearest unit • I can measure and begin to record length/height in standard units • I can solve practical problems involving height and length • I can suggest a suitable unit for length, e.g. the length of a book in cm • I can compare, describe, and solve practical problems for lengths and heights, e.g. long/short, longer/shorter, tall/short, double/half • I can choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm) to the nearest appropriate unit, using rulers 					

			<ul style="list-style-type: none"> I can compare and order lengths and records the results using $>$, $<$ and $=$ 					
		PS6	<ul style="list-style-type: none"> I can read scales in divisions of ones, twos, fives, and tens (PKSS) I can choose and use appropriate standard units to estimate and measure length and height (m/cm) I can describe an object as longer or shorter than a standard measure using $>$, $<$ and $=$ I can find half and quarter of a length up to 100 cm I can measure length to the nearest unit I can solve simple problems involving length I know and recognise the abbreviations for metric units of length: m, cm I can compare, order and records length using $>$, $<$ and $=$ I can draw lines along a straight edge 					
	Measurement Capacity	PS5				<ul style="list-style-type: none"> I can measure and begins to record capacity in standard units I can solve simple practical problems involving capacity I can identify containers that hold more or less than a litre I know and recognise some standard units used to measure capacity I can suggest suitable units to measure capacity I can compare, describe, and solves 		

						<p>practical problems for capacity and volume, e.g. full/empty, more than, less than, half, half full, quarter</p> <ul style="list-style-type: none"> I can compares and orders volume/capacity and records the results using $>$, $<$ and $=$ 		
		PS6				<ul style="list-style-type: none"> I can choose and use appropriate standard units to estimate and measure capacity (litres/ml) to the nearest appropriate unit, using measuring vessels I know and recognise the abbreviations for metric units of capacity: l, ml I can compare, order and records capacity using $>$ $<$ and $=$ I can solve simple problems involving capacity I can estimate, order and measure capacity using suitable units 		
Measurement Money		PS5		<ul style="list-style-type: none"> I know the value of all denominations of coins and notes I can makes equivalent amounts using different coins, e.g. finds out how many £2 coins in a £20 note I can solves money worded problems involving the ten, five and ten times tables I can places three non-sequential amounts up to £1 in order I know and understand '£' and 'p' notation 			<ul style="list-style-type: none"> I know the value of all denominations of coins and notes I can makes equivalent amounts using different coins, e.g. finds out how many £2 coins in a £20 note I can solves money worded problems involving the ten, five and ten times tables I can places three non-sequential amounts up to £1 in order I know and understand '£' and 'p' notation 	
		PS6		<ul style="list-style-type: none"> I can solve simple problems in a practical context involving addition and subtraction of money of the same unit 			<ul style="list-style-type: none"> I can solve simple problems in a practical context involving addition and subtraction of money of the same unit 	

				<ul style="list-style-type: none"> • I can combine amounts to make a specific value • I can solve simple problems involving addition and subtraction of money of the same unit, e.g. 48p + 35p • I can work out if I have enough money to buy an item • I can use different coins to make the same amount (PKSS) • I can solve simple money problems involving working out change • I can work out how long it would take to save for an item, e.g. item costing 60p saving 5p a week • I can total shopping bills using coins 			<ul style="list-style-type: none"> • I can combine amounts to make a specific value • I can solve simple problems involving addition and subtraction of money of the same unit, e.g. 48p + 35p • I can work out if I have enough money to buy an item • I can use different coins to make the same amount (PKSS) • I can solve simple money problems involving working out change • I can work out how long it would take to save for an item, e.g. item costing 60p saving 5p a week • I can total shopping bills using coins 	
Measurement Time	PS5			<ul style="list-style-type: none"> • I know how many seconds there are in a minute, the number of minutes in an hour and the number of hours in a day • I can tell the time to the hour and half past the hour • I can draw the hands on a clock face to show the hour and half past the hour • I can compare and sequence intervals of time • I can describe direction of turn using clockwise and anticlockwise • I can solve simple problems related to hours and minutes • I can measure and begin to record time (hours, minutes, seconds) • I can compare, describe, and solve 			<ul style="list-style-type: none"> • I know how many seconds there are in a minute, the number of minutes in an hour and the number of hours in a day • I can tell the time to the hour and half past the hour • I can draw the hands on a clock face to show the hour and half past the hour • I can compare and sequence intervals of time • I can describe direction of turn using clockwise and anticlockwise • I can solve simple problems related to hours and minutes • I can measure and begin to record time (hours, minutes, seconds) • I can compare, describe, and solve 	

				practical problems for time, e.g. quicker, slower, earlier, later			practical problems for time, e.g. quicker, slower, earlier, later
	PS6			<ul style="list-style-type: none"> • I can estimate how long a familiar task will take • I can time an activity and record the results • I know and recognise language relating to dates • I can read the time on the clock to the nearest 15 minutes (PKSS) • I can compare intervals of time, e.g. 20 minutes and a quarter of an hour using $> < =$ • I can draw the digital display for times including quarter to and past • I can solve simple problems related to $\frac{1}{4}$ hours • I know and can recite the months of the year (in order) • I know a month that falls in each season • I can draw the hands on a clock face to show the time to five minutes, including quarter past/to the hour • I can tell and write the time to five minutes, including quarter past/to the hour 			<ul style="list-style-type: none"> • I can estimate how long a familiar task will take • I can time an activity and record the results • I know and recognise language relating to dates • I can read the time on the clock to the nearest 15 minutes (PKSS) • I can compare intervals of time, e.g. 20 minutes and a quarter of an hour using $> < =$ • I can draw the digital display for times including quarter to and past • I can solve simple problems related to $\frac{1}{4}$ hours • I know and can recite the months of the year (in order) • I know a month that falls in each season • I can draw the hands on a clock face to show the time to five minutes, including quarter past/to the hour • I can tell and write the time to five minutes, including quarter past/to the hour
Properties of Shape	PS5				<ul style="list-style-type: none"> • I can relate 3D shapes to objects of that shape • I can tessellate simple shapes • I can identify the 2D shapes in a collection of 2D and 3D shapes • I can recognise and names triangles, rectangles, squares, circles, cuboids, cubes, pyramids and spheres • I can identify 2D shapes on the surface of 3D 		

						<p>shapes, [e.g. a circle on a cylinder]</p> <ul style="list-style-type: none"> • I can describe objects in a picture in terms of 3D shapes • I can compare and sort common 2D and 3D shapes and everyday objects • I can recognise and names common 3D shapes, e.g. cuboids (including cubes), pyramids and spheres 		
		PS6				<ul style="list-style-type: none"> • I can name and describe properties of 2D and 3D shapes, including number of sides, vertices, edges, faces and lines of symmetry (PKSS) • I know the properties of 2D and 3D shapes, e.g. a pyramid has eight edges, five faces, four of which are triangles and one is a square • I can describe shapes by the number of faces, edges and corners • I can state the number of sides in each 2D shape • I can identify lines of symmetry 		
Position and Direction		PS5		<ul style="list-style-type: none"> • I can follow directions to move in straight lines and turns • I can describe movement using the language of direction, e.g. backwards, left • I can recognise that some common objects have corners which are right angles, e.g. books, tables • I can turn clockwise or anticlockwise • I can make whole, half, quarter and three-quarter turns 				

				<ul style="list-style-type: none"> • I can give instructions to someone else to follow, to move themselves or an object • I can describe the position of a feature on a simple map • I can describe position, direction, and movement, including whole, half, quarter, and three-quarter turns 				
		PS6		<ul style="list-style-type: none"> • I can describe movement in terms of direction and speed • I know that a quarter turn is a right angle • I can identify right angles in 2D shapes • I can repeat and rotate a shape to create a linear pattern • I can state how many right angles in a quarter, half and three-quarter turn • I can describe the relative location of a place using understanding of the four points of a compass 				
Statistics and Probability	Statistics	PS5			<ul style="list-style-type: none"> • I can ask and answer simple questions about data I have gathered • I can record data in a: <ul style="list-style-type: none"> ○ block diagram ○ pre-drawn table ○ tally chart • I can record data using simple measurements • I can select criterion and sort objects • I can solve questions relating to totalling • I can sort objects using more than one criterion • I can sort categories by quantity • I can suggest ways of improving data collection 	<ul style="list-style-type: none"> • I can ask and answer simple questions about data I have gathered • I can record data in a: <ul style="list-style-type: none"> ○ block diagram ○ pre-drawn table ○ tally chart • I can record data using simple measurements • I can select criterion and sort objects • I can solve questions relating to totalling • I can sort objects using more than one criterion • I can sort categories by quantity • I can suggest ways of improving data collection 		

		PS6			<ul style="list-style-type: none"> • I can interpret and construct: <ul style="list-style-type: none"> ○ block diagrams ○ simple pictograms ○ simple tables ○ tally charts • I can answer questions about the results I have gathered • I can check that the results help to answer the original question • I can compare categorical data • I can create a chart to record results • I can define the criteria I want to use to collect specific data • I can suggest ways of improving the presentation of my data • I can suggest how I can represent information I have researched 	<ul style="list-style-type: none"> • I can interpret and construct: <ul style="list-style-type: none"> ○ block diagrams ○ simple pictograms ○ simple tables ○ tally charts • I can answer questions about the results I have gathered • I can check that the results help to answer the original question • I can compare categorical data • I can create a chart to record results • I can define the criteria I want to use to collect specific data • I can suggest ways of improving the presentation of my data • I can suggest how I can represent information I have researched 		
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Stage 4

Pre Entry Level Builds on Stage 2 Learning

Entry Level Builds on Stage 3 Learning

Coverage	Stage	Outcomes Knowledge and Skills					
		Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Number and place value	Pre Entry	<ul style="list-style-type: none"> • I can count objects to 10 in different arrangements • I can compare 2 quantities using simple terminology • I can read, write, order and compare numbers up to 10 	<ul style="list-style-type: none"> • I can count objects to 10 in different arrangements • I can compare 2 quantities using simple terminology • I can read, write, order and compare numbers up to 10 	<ul style="list-style-type: none"> • I can count objects to 10 in different arrangements • I can compare 2 quantities using simple terminology • I can read, write, order and compare numbers up to 10 	<ul style="list-style-type: none"> • I can count objects to 10 in different arrangements • I can compare 2 quantities using simple terminology • I can read, write, order and compare numbers up to 10 	<ul style="list-style-type: none"> • I can count objects to 10 in different arrangements • I can compare 2 quantities using simple terminology • I can read, write, order and compare numbers up to 10 	<ul style="list-style-type: none"> • I can count objects to 10 in different arrangements • I can compare 2 quantities using simple terminology • I can read, write, order and compare numbers up to 10

Calculations - Addition and Subtraction	Pre Entry	<ul style="list-style-type: none"> I can use concrete/pictorial representations to add and subtract to 10 	<ul style="list-style-type: none"> I can use concrete/pictorial representations to add and subtract to 10 		<ul style="list-style-type: none"> I can use concrete/pictorial representations to add and subtract to 10 		<ul style="list-style-type: none"> I can use concrete/pictorial representations to add and subtract to 10
	EL1	<ul style="list-style-type: none"> I can add and subtract numbers to 20 I can recognise and interpret the symbols +, - and = I can recognise a simple mathematical problem and obtain a solution. (working through one step/process) 	<ul style="list-style-type: none"> I can add and subtract numbers to 20 I can recognise and interpret the symbols +, - and = I can recognise a simple mathematical problem and obtain a solution. (working through one step/process) 		<ul style="list-style-type: none"> I can add and subtract numbers to 20 I can recognise and interpret the symbols +, - and = I can recognise a simple mathematical problem and obtain a solution. (working through one step/process) 		<ul style="list-style-type: none"> I can add and subtract numbers to 20 I can recognise and interpret the symbols +, - and = I can recognise a simple mathematical problem and obtain a solution. (working through one step/process)
	EL2	<ul style="list-style-type: none"> I can recognise and interpret the symbols +, - and = appropriately I can add and subtract two-digit numbers I can use given mathematical information including numbers, symbols, simple diagrams and charts I can recognise, understand and use simple mathematical terms appropriate to Entry Level 2 I can use methods to produce, check and present results that make sense I can present appropriate explanations using numbers, measures, simple diagrams, simple charts and symbols appropriate to Entry Level 2 	<ul style="list-style-type: none"> I can recognise and interpret the symbols +, - and = appropriately I can add and subtract two-digit numbers I can use given mathematical information including numbers, symbols, simple diagrams and charts I can recognise, understand and use simple mathematical terms appropriate to Entry Level 2 I can use methods to produce, check and present results that make sense I can present appropriate explanations using numbers, measures, simple diagrams, simple charts and symbols appropriate to Entry Level 2 		<ul style="list-style-type: none"> I can recognise and interpret the symbols +, - and = appropriately I can add and subtract two-digit numbers I can use given mathematical information including numbers, symbols, simple diagrams and charts I can recognise, understand and use simple mathematical terms appropriate to Entry Level 2 I can use methods to produce, check and present results that make sense I can present appropriate explanations using numbers, measures, simple diagrams, simple charts and symbols appropriate to Entry Level 2 		<ul style="list-style-type: none"> I can recognise and interpret the symbols +, - and = appropriately I can add and subtract two-digit numbers I can use given mathematical information including numbers, symbols, simple diagrams and charts I can recognise, understand and use simple mathematical terms appropriate to Entry Level 2 I can use methods to produce, check and present results that make sense I can present appropriate explanations using numbers, measures, simple diagrams, simple charts and symbols appropriate to Entry Level 2
	EL3	<ul style="list-style-type: none"> I can add and subtract using three-digit whole numbers I can use given mathematical 	<ul style="list-style-type: none"> I can add and subtract using three-digit whole numbers I can use given mathematical 		<ul style="list-style-type: none"> I can add and subtract using three-digit whole numbers I can use given mathematical 		<ul style="list-style-type: none"> I can add and subtract using three-digit whole numbers I can use given mathematical

		<p>information including numbers, symbols, simple diagrams and charts</p> <ul style="list-style-type: none"> I can recognise, understand and use simple mathematical terms appropriate to Entry Level 3 I can use the methods to produce, check and present results that make sense to an appropriate level of accuracy I can present results with appropriate and reasoned explanation using numbers, measures, simple diagrams, charts and symbols appropriate to Entry Level 3 	<p>information including numbers, symbols, simple diagrams and charts</p> <ul style="list-style-type: none"> I can recognise, understand and use simple mathematical terms appropriate to Entry Level 3 I can use the methods to produce, check and present results that make sense to an appropriate level of accuracy I can present results with appropriate and reasoned explanation using numbers, measures, simple diagrams, charts and symbols appropriate to Entry Level 3 		<p>information including numbers, symbols, simple diagrams and charts</p> <ul style="list-style-type: none"> I can recognise, understand and use simple mathematical terms appropriate to Entry Level 3 I can use the methods to produce, check and present results that make sense to an appropriate level of accuracy I can present results with appropriate and reasoned explanation using numbers, measures, simple diagrams, charts and symbols appropriate to Entry Level 3 		<p>information including numbers, symbols, simple diagrams and charts</p> <ul style="list-style-type: none"> I can recognise, understand and use simple mathematical terms appropriate to Entry Level 3 I can use the methods to produce, check and present results that make sense to an appropriate level of accuracy I can present results with appropriate and reasoned explanation using numbers, measures, simple diagrams, charts and symbols appropriate to Entry Level 3
Calculations - Multiplication and division	Pre Entry			<ul style="list-style-type: none"> I can share objects into groups 		<ul style="list-style-type: none"> I can share objects into groups 	<ul style="list-style-type: none"> I can share objects into groups
	EL1			<ul style="list-style-type: none"> I can generalise a simple number pattern to 10 where numbers increase or decrease by one or two each time I can create groups of small quantities, e.g. share ten into a group of five, three and two I can double any number to ten I know, understands and use a range of simple vocabulary associated with multiplication and division 		<ul style="list-style-type: none"> I can generalise a simple number pattern to 10 where numbers increase or decrease by one or two each time I can create groups of small quantities, e.g. share ten into a group of five, three and two I can double any number to ten I know, understands and use a range of simple vocabulary associated with multiplication and division 	<ul style="list-style-type: none"> I can generalise a simple number pattern to 10 where numbers increase or decrease by one or two each time I can create groups of small quantities, e.g. share ten into a group of five, three and two I can double any number to ten I know, understands and use a range of simple vocabulary associated with multiplication and division
	EL2			<ul style="list-style-type: none"> I can multiply whole numbers in the range 0x0 to 12x12 (times tables) 		<ul style="list-style-type: none"> I can multiply whole numbers in the range 0x0 to 12x12 (times tables) 	<ul style="list-style-type: none"> I can multiply whole numbers in the range 0x0 to 12x12 (times tables)

				<ul style="list-style-type: none"> I can recognise and interpret the symbols \times, \div and $=$ appropriately I can divide two-digit whole numbers by single-digit whole numbers and express remainders 		<ul style="list-style-type: none"> I can recognise and interpret the symbols \times, \div and $=$ appropriately I can divide two-digit whole numbers by single-digit whole numbers and express remainders 	<ul style="list-style-type: none"> I can recognise and interpret the symbols \times, \div and $=$ appropriately I can divide two-digit whole numbers by single-digit whole numbers and express remainders
		EL3		<ul style="list-style-type: none"> I can divide three-digit whole numbers by single and double digit whole numbers and express remainders I can multiply two-digit whole numbers by single and double digit whole numbers 		<ul style="list-style-type: none"> I can divide three-digit whole numbers by single and double digit whole numbers and express remainders I can multiply two-digit whole numbers by single and double digit whole numbers 	<ul style="list-style-type: none"> I can divide three-digit whole numbers by single and double digit whole numbers and express remainders I can multiply two-digit whole numbers by single and double digit whole numbers
	Fractions (Including Decimals & Percentages)	Pre Entry	<ul style="list-style-type: none"> I can share objects into groups 			<ul style="list-style-type: none"> I can share objects into groups 	
		EL1	<ul style="list-style-type: none"> I can divide groups of objects in half I can share concrete objects between a given number 			<ul style="list-style-type: none"> I can divide groups of objects in half I can share concrete objects between a given number 	
		EL2	<ul style="list-style-type: none"> I can recognise simple fractions (halves, quarters and tenths) of whole numbers and shapes I can read, write and use decimals to one decimal place 			<ul style="list-style-type: none"> I can recognise simple fractions (halves, quarters and tenths) of whole numbers and shapes I can read, write and use decimals to one decimal place 	
		EL3	<ul style="list-style-type: none"> I can read, write and understand thirds, quarters, fifths and tenths including equivalent forms I can read, write and use decimals up to two decimal places I can recognise and continue sequences that involve decimals 			<ul style="list-style-type: none"> I can read, write and understand thirds, quarters, fifths and tenths including equivalent forms I can read, write and use decimals up to two decimal places I can recognise and continue sequences that involve decimals 	
Measurement	Measurement Weight	Pre Entry		<ul style="list-style-type: none"> I can use comparative language to describe the weight of an 			

				object (heavy or light, heavier or lighter)			
	EL1			•			
	EL2			<ul style="list-style-type: none"> • I can use measures of weight including grams and kilograms • I can read and compare positive temperatures • I can read and use simple scales to the nearest labelled division 			
	EL3			<ul style="list-style-type: none"> • I can use and compare measures of weight using metric or imperial units to the nearest labelled or unlabelled division • I can compare measures of weight including grams and kilograms • I can use a suitable instrument to measure mass and length 			
Measurement Length	Pre Entry	<ul style="list-style-type: none"> • Identify largest/smallest object from a small group • Order a range of different-sized objects by size 					
	EL1	<ul style="list-style-type: none"> • I know simple vocabulary associated with length and height, e.g. "longer, shorter" • I can estimate length using non-standard units • I can measure length using non-standard units 					
	EL2	<ul style="list-style-type: none"> • I can use metric measures of length including millimetres, 					

		centimetres, metres and kilometres					
	EL3	<ul style="list-style-type: none"> I can read and use simple scales to the nearest labelled division 					
		<ul style="list-style-type: none"> I can use and compare measures of length, capacity, weight and temperature using metric or imperial units to the nearest labelled or unlabelled division I can compare metric measures of length including millimetres, centimetres, metres and kilometres 					
Measurement Capacity	Pre Entry				<ul style="list-style-type: none"> I can make simple estimates when testing capacity I can compare capacity of containers 		
	EL1				<ul style="list-style-type: none"> I can describe and make comparisons in words between measures of capacity 		
	EL2				<ul style="list-style-type: none"> I can use measures of capacity including millilitres and litres I can read and use simple scales to the nearest labelled division 		
	EL3				<ul style="list-style-type: none"> I can use and compare measures of capacity using metric or imperial units to the nearest labelled 		

						<ul style="list-style-type: none"> or unlabelled division I can compare measures of capacity including millilitres and litres 		
Measurement Money	Pre Entry		<ul style="list-style-type: none"> I know the purpose of money I can identify coins by feature and value 				<ul style="list-style-type: none"> I know the purpose of money I can identify coins by feature and value 	
	EL1		<ul style="list-style-type: none"> I can recognise coins and notes and write them in numbers with the correct symbols (£ & p), where these involve numbers up to 20 				<ul style="list-style-type: none"> I can recognise coins and notes and write them in numbers with the correct symbols (£ & p), where these involve numbers up to 20 	
	EL2		<ul style="list-style-type: none"> I can calculate money with pence up to one pound and in whole pounds of multiple items and write with the correct symbols (£ or p) 				<ul style="list-style-type: none"> I can calculate money with pence up to one pound and in whole pounds of multiple items and write with the correct symbols (£ or p) 	
	EL3		<ul style="list-style-type: none"> I can calculate with money using decimal notation and express money correctly in writing in pounds and pence I can round amounts of money to the nearest £1 or 10p 				<ul style="list-style-type: none"> I can calculate with money using decimal notation and express money correctly in writing in pounds and pence I can round amounts of money to the nearest £1 or 10p 	
Measurement Time	Pre Entry			<ul style="list-style-type: none"> I can discuss key times of the day in simple terms 				<ul style="list-style-type: none"> I can discuss key times of the day in simple terms
	EL1			<ul style="list-style-type: none"> I can read 12 hour digital and analogue clocks in hours I know the number of days in a week, months, and seasons in a year. I can name and sequence days, months, and seasons 				<ul style="list-style-type: none"> I can read 12 hour digital and analogue clocks in hours I know the number of days in a week, months, and seasons in a year. I can name and sequence days, months, and seasons

		EL2			<ul style="list-style-type: none"> • I know the number of hours in a day and weeks in a year. • I can read and record time in common date formats, • I can read time displayed on • analogue clocks in hours, half hours and quarter hours • I can understand hours from a 24-hour digital clock 			<ul style="list-style-type: none"> • I know the number of hours in a day and weeks in a year. • I can read and record time in common date formats, • I can read time displayed on • analogue clocks in hours, half hours and quarter hours • I can understand hours from a 24-hour digital clock
		EL3			<ul style="list-style-type: none"> • I can read, measure and record time using am and pm • I can read time from analogue and 24 hour digital clocks in hours and minutes 			<ul style="list-style-type: none"> • I can read, measure and record time using am and pm • I can read time from analogue and 24 hour digital clocks in hours and minutes
Properties of Shape	Pre Entry				<ul style="list-style-type: none"> • I can match and recognise some common 2-D and 3-D shapes • I can describe shapes including number of sides and corners they have 			
		EL1			<ul style="list-style-type: none"> • I can identify and recognise common 2-D and 3-D shapes including circle, cube rectangle (incl. square) and triangle 			
		EL2			<ul style="list-style-type: none"> • I can recognise and name 2-D and 3-D shapes including pentagons, hexagons, cylinders, cuboids, pyramids and spheres • I can describe the properties of common 2-D and 3-D shapes including numbers of sides, corners, edges, faces, angles and base 			

		EL3				<ul style="list-style-type: none"> I can sort 2-D and 3-D shapes using properties including lines of symmetry, length, right angles, angles including in rectangles and triangles 		
	Position and Direction	Pre Entry		<ul style="list-style-type: none"> I can understand and use simple positional language 				
		EL1		<ul style="list-style-type: none"> I can use everyday positional vocabulary to describe position and direction including left, right, in front, behind, under and above 				
		EL2		<ul style="list-style-type: none"> I can use appropriate positional vocabulary to describe position and direction including between, inside, outside, middle, below, on top, forwards and backwards 				
		EL3		<ul style="list-style-type: none"> I can use appropriate positional vocabulary to describe position and direction including eight compass points and including full/half/quarter turns 				
Statistics and Probability	Statistics	Pre Entry			<ul style="list-style-type: none"> I can complete a simple chart to show my findings I can record data through pictures I can identify similarities and differences when comparing simple data 	<ul style="list-style-type: none"> I can complete a simple chart to show my findings I can record data through pictures I can identify similarities and differences when comparing simple data 		

		EL1			<ul style="list-style-type: none"> • I can read numerical information from lists • I can sort and classify objects using a single criterion • I can read and draw simple charts and diagrams including: <ul style="list-style-type: none"> ○ Tally chart ○ Block ○ diagram/graph 	<ul style="list-style-type: none"> • I can read numerical information from lists • I can sort and classify objects using a single criterion • I can read and draw simple charts and diagrams including: <ul style="list-style-type: none"> ○ Tally chart ○ Block ○ diagram/graph 		
		EL2			<ul style="list-style-type: none"> • I can extract information from lists, tables, diagrams and bar charts • I can make numerical comparisons from bar charts • I can sort and classify objects using two criteria • I can take information from one format and represent the information in another format including use of bar charts 	<ul style="list-style-type: none"> • I can extract information from lists, tables, diagrams and bar charts • I can make numerical comparisons from bar charts • I can sort and classify objects using two criteria • I can take information from one format and represent the information in another format including use of bar charts 		
		EL3			<ul style="list-style-type: none"> • I can extract information from lists, tables, diagrams and charts and create frequency tables • I can interpret information, to make comparisons and record changes, from different formats including bar charts and simple line graphs • I can organise and represent information in appropriate ways including tables, diagrams, simple line graphs and bar charts 	<ul style="list-style-type: none"> • I can extract information from lists, tables, diagrams and charts and create frequency tables • I can interpret information, to make comparisons and record changes, from different formats including bar charts and simple line graphs • I can organise and represent information in appropriate ways including tables, diagrams, simple line graphs and bar charts 		