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	Autu	mn	Sp	ring	Summer	
			Core	Content		
ing	Number				Numerical Patterns	
Early Learr Goal	 Have a deep understanding of number to 10, including the onumber. Subitise (recognise quantities without counting) up to 5. Automatically recall (without reference to rhymes, counting bonds up to 5 (including subtraction facts) and some number double facts. 		 e composition of each Verbally count beyond 20, Compare quantities up to than, less than or the same Explore and represent path facts and how quantities c 		recognising the pattern of the counting system. 10 in different contexts, recognising when one quantity is greater e as the other quantity. terns within numbers up to 10, including evens and odds, double can be distributed equally	
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Торіс	Who am I and where do I live?	Let's celebrate!	Around the World	Watch me grow!	A journey through time	We're all going on a Summer holiday!
End Points	 Number Pupils will build on previous experionments, subitising and counting skills. The of numbers within 5. They will beg and use the language of comparis Pupils will: identify when a set can is needed. subitise different arranges structured, including us frame. make different arranges talk about what they can conceptual subitising s spot smaller numbers for connect quantities and explore different ways of their fingers. hear and join in with the revious develop counting skills the last number in the connect this to the finger in the need for 1:1 correspondence in the need for 1:1 correspondence in the connect in the connect the need for 1:1 correspondence in the connect in the connect the need for 1:1 correspondence in the connect in the connect the need for 1:1 correspondence in the connect in the connect the need for 1:1 correspondence in the connect the need for 1:1 correspondence in the connect in the connect the need for 1:1 correspondence in the connect in the connect	iences of number from their and further develop their y will explore the composition in to compare sets of objects on. be subitised and when counting gements, both unstructured and sing the Hungarian number ments of numbers within 5 and n see, to develop their kills. hiding' inside larger numbers numbers to finger patterns and of representing numbers on e counting sequence, and ircase' pattern of the counting ach number is made of one number. and knowledge, including: that count tells us 'how many' urate in counting, each thing and once only and in any order; pondence; understanding that	 Pupils will continue to develop the and explore the composition of mwill begin to identify when two seconnect two equal groups to dou quantities to numerals. Pupils will: continue to develop the within and beyond 5, a quantities to numerals. begin to identify missing explore the structure of bit' and connect this to Hungarian number frate focus on equal and unnumbers. understand that two e 'double' and connect the sequence and link care 'staircase' pattern. order numbers and platern within the sequence and pattern within and paysing attention to fail 	neir subitising and counting skills numbers within and beyond 5. They ets are equal or unequal and ables. They will begin to connect heir subitizing skills for numbers and increasingly connect s. Ing parts for numbers within 5. of the numbers 6 and 7 as '5 and a o finger patterns and the me. lequal groups when comparing qual groups can be called a this to finger patterns. Inbers according to their 'shape' neir understanding of the counting dinality and ordinality through the ay track games. Ints beyond 20, hearing the in the counting numbers. Ins involving prediction and isons of length, weight or capacity, rness and accuracy.	 Pupils will consolidate their coun numbers and developing a wider will secure knowledge of number Pupils will: continue to develop the sets as well as countin explore a range of reprotect the 10-frame, and see 1 10-frame. compare quantities an objects which have diff continue to develop as that 8 is quite a lot more than 2. begin to generalise about than' numbers within 1 continue to identify wh when counting is neces develop conceptual su using a rekenrek. Shape Select shapes for a pur Rotate shapes Explain shape arranger Compose shapes Copy 2-D shape picture 	ting skills, counting to larger range of counting strategies. They facts through varied practice. eir counting skills, counting larger g actions and sounds. esentations of numbers, including how doubles can be arranged in a d numbers, including sets of ferent attributes. sense of magnitude, e.g. knowing 'e than 2, but 4 is only a little bit put 'one more than' and 'one less 10. ien sets can be subitised and ssary. ibitising skills including when rpose ments

	Reception – Mathematics		
Veesh	 anything can be counted, including actions and sounds. compare sets of objects by matching. begin to develop the language of 'whole' when talking about objects which have part. Shape Talk about and explore 2D shapes (for example, circles, triangles, rectangles, squares) using informal and mathematical language. Uses informal language and analogies, (e.g. heart-shaped and hand-shaped leaves), as well as mathematical terms to describe shapes. Identify and name shapes with 4 sides. Compose and decompose shapes so that children recognise a shape can have other shapes within it, just as numbers can. Enjoys partitioning and combining shapes to make new shapes with 2D shapes. Position and Direction Describe a familiar route. Discuss routes and locations, using words like 'in front of' and 'behind'. Respond to and use language of position and direction. Time Explore simple patterns Copy and continue simple patterns Copy and continue simple patterns Copy and continue simple patterns 	 Becomes familiar with measuring tools in everyday experiences and play. Compare weight and find objects that balance. Use balancing scales. To describe objects as heavier/lighter. To build on their understanding of 'full' and 'empty' to further investigate different capacities and how they relate to each other. To explore how non-standard units can be used to measure capacity. To describe capacity in terms of more/less. To order capacity from smallest to largest. Enjoy tackling problems involving prediction and discussion of comparisons of length, weight or capacity, paying attention to fairness and accuracy Become familiar with measuring tools in everyday experiences and play. Length, Height and Time To compare length in terms of longer/shorter. Find objects that are the same length. Explain how they know. Measure length using non-standard units of measure. To begin to learn the days of the week. Discuss what is happening tomorrow, next week or at the weekend. Explore how long it takes to do activities. To explore how long it takes to do activities. To explore how long it takes to do activities. Find 2-D shapes within 3-D shapes. Find 3-D shapes in the environment 	 Find 2-D shapes within 3-D shapes Pattern and Mapping Identify units of repeating patterns Create own pattern rules Explore own pattern rules Replicate and build scenes and constructions Visualise from different positions Describe positions Give instructions to build Explore mapping Represent maps with models Create own maps from familiar places Create own maps and plans from story situations Deepen understanding of patterns and relationships.
vocap	shorter, longer, heavier, lighter, balance, Mass, weight, more,	less than, numeral, equal to, whole, part, quantity, full, empty,	than, less than, numeral, equal to, whole, part, quantity, triangle,
	less, capacity, subitise, count, apparatus, set, counter, more	nearly full, nearly empty, capacity, container, compare, more, less,	square, rectangle, circle, cuboid, cone, pyramid, sphere, cylinder,
	than, less than, numeral, equal to, whole, part, quantity.	the most, the least, tall, thin, narrow, wide, shallow, balance,	rotate, manipulate, move, explain, pattern, repeat, rule, next,
	· · · · ·	heavier, lighter, more, fewer, scale, length, long, short, longest,	build, make, recreate, scene, move, position, next to, above,

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	shortest, height, tall, short, tallest, shortest, evening, tomorrow, next week, weekend, yesterday, last week, last month, last year, day, night, minute, time, first, after, then, next, finally, shape, 3D, flat, face, cylinder, sphere, cone, cube, cuboid, pyramid, 2D, triangle, circle, square, rectangle, pattern, what comes next?	below, in front of, behind, model, instruction, map, build, replicate, repeat, map, follow, route, number story, check,

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Weekly Overview

Autumn	Week 1	Week 2	Week 3	Wee	eek 4 V		5	Week 6	
Focus	Baseline			Subitising		Counting, ordinality and cardinality		Composition	
				Talk about measure		Talk about measure		Talk about measure	
				Subitising	within 3	Focus on coun	ting skills	Explore how	w all numbers are made
				Compare size		Compare mass		of 1s	
				·				Focus on	composition of 3 and 4
								Co	mpare capacity
	Week 7	Week 8	Weel	k 9	W	eek 10	Wee	ek 11	Week 12
	Subitising	Comparison	Counting, Ordinality		Comparison		Composition		Composition
			and cardinality				Circles & Triangles		Circles & Triangles
	Talk about pattern	Talk about pattern	Talk about pattern		Circles & Triangles				
	Subitise objects and	Comparison of sets - 'just	Focus on cou	nting skills	Comparis	son of sets - by	Explore the concept		Focus on the
	sounds	by looking'	$\mathbf{F}_{\mathbf{r}}$		match	matching Use the of 'w		and 'part'	composition of 3, 4
	Evalera cimala		Focus on the 'five-ness of 5'		language of comparison:		Commence		and 5
	Explore simple	Ose the tanguage of	using one hand and the d		equal number		triangles		Shanes in the
	patterns	and fewer than			i i i i i i i i i i i i i i i i i i i		ulai	igies	environment
			Create simple	e patterns	Identify ar	nd name circles			
		Copy and continue simple		an		triangles			
		patterns							
	Week 13	Week 14		Wee	ek 15				
	Counting, ordinality	Shape		Rev	/iew				
	and cardinality	Time							
	Position								

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	Practise object counting	Identify and name shapes with 4 sides	
	skills Match numerals to	Combine shapes with 4 sides	
	quantities within 10 Verb		
		Shapes in the environment	
	Describe position		
		My day and night	



Sum	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
mer						
Focus	Svæði sing	Count ildgedr212 nality	Co Wipelsi2 Bon	Co Wipelsi2 #on	Com/peeskit25n &	Coun ting e tar26 nality
	Counti ßgMaschi nality	an &aaitinag ty	Complocition Complexity Shape	ConQaqueitiidyn &	Combengitston &	Bewie var&i8batipe
	and Cardinality	& S1æşs e		Shape	Shape	
	& Shape					Length
	CoSuntatilitinge-Waitngierr Scets and	Subioinsinting to fociums burding	Comp fossituis non 155 and a	F@canapoos6tiamd-70aa\$05	Cochoppapeasietsnand	Subi Sisleitibjetct s5and
	thfogsistrag oardiet be	ordinatitycandethe	bit'	and a bit'	linkedatogorageadity	sounds
	seperantterns	'st aincange'npettte rn	Explore capacity	Explain shape	comparison: more	Introduce the rekenrek
			Manipulate shapes	Commangecapatsity	tha?nta,∳etwaearkt∦gann,ean	Explore simple patterns
	Seventcshapesforsato	See thRaditaatie hs hnaupneds er is			equal number to	Decompose shapes
	pu qpast ities within 5	one more than the			Compose shapes	Compare length
	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
	ReviewendsAssess	Review and Assess	Review and Assess	Review and Assess	Review and	Review and Assess
	Number	^{Find} ia balance	Number	Number	Assess Number	Number & Mapping
	& Shape	& Pattern	& Mapping	& Mapping	Explore length	
	Subtise to 5	Automatic recall of bonds	Composition of numbers	Comparison	Number patterns	Week 12
	Week 17	Weęlk ₅ 18	́ Węළk ₀ 19	Week 20	Explore 3D shape	Explore 3D Shape
	Intro Greenserisken irek	Composition	Composition	Visc Gompositione rent	Give instructions to	Create own maps from
	& Height	Find 2-D& Hepightvithin 3-D	Explo & Jim ¢attern	jểo 3 into re s	build	familiar places
	Copo2.Domondepring_odes	Fostuspoers 7	Doubles +uebqs lore how	Sorting numbers	Recognise and	Identify more complex
	numbers to 8		some numbers can be	acobedinigheopathilibontes -	n Expoles Be Dostpappings	Createpoawtremaps and
		lden Citynup atseotferigghe ating	maRkepkvidant2:eqdablupiadts	odd and even numbers		plans from story situations
	Use language of less	patterns	scenes and		Rienphresbrothomappes	Copy and continue
	than		Tebhabouttions	Order and sequence	withwint/8nDoschedspes	Deepen patterst anding of
		Create own pattern rules		time		patterns and relationships
	Explore height				Use 3-D shapes for	Patterns in the environment
					tasks	
					3-D shapes in the	
					a musina mara a mt	

Preparation for Year 1:

Number	Shape, Space and Measure



Reception – Mathematics

٠	count to and across 20, forwards and backwards.	•	Recognise some 2d shapes (squares, circles, triangles and rectangles) and their
•	count, read and write numbers to 10 in numerals.		features.
• • •	identify and represent numbers using objects and pictorial representations. use the language of: equal to, more than, less than (fewer), Subitise numbers to 5 Begin to learn number bonds to 10 Know some doubles within 10.	• • • • • •	Recognise some 3d shapes (sphere, pyramid, cone, cuboid, cube) and their features. Recognise 2D shapes within 3D shapes Use non-standard units of measure Explore capacity, mass and length. Begin to learn units of time.
•	Recognise how to share equally.	•	To sequence events beginning to use the language of time. Recognise a clock and calendar
		•	Begin to describe position, direction and movement