using numbers to 5

from 5

Beain to represent numbers beyond 5 with pictorial representations and fingers Explore counting backwards

Use key language - total, altogether when combining

Start to represent numbers

amounts within 5

in mark making

Reception Nursery **Numerical Patterns Numerical Patterns** Shape Space & Number Shape Space & Number Knowledge & Skills Knowledge & Skills Knowledge & Skills Knowledge & Skills Measure Measure Knowledge & Skills Knowledge & Skills Develop fast recognition of Count objects, Verbally count beyond Count accurately beyond 5 up to 3 objects, without Understand key words actions and sounds Select, rotate and 20, recognising the Compare quantities using having to count them Subitise to 5 and that can describe their manipulate shapes in pattern of the counting more than and less than individually ('subitising'). extend to 10 position - prepositions (off, order to develop spatial system; Count accurately beyond 5 Link numerals to their up, down, under, above, reasoning skills Compare quantities up to Touch-count accurately cardinal value recognising how several besides) 10 in different contexts, within 5 Accurately count Describe a short, familiar shapes can be combined recognising when one Know that the last number beyond 10 route using positional Compose and quantity is greater than, reached when counting a Compare numbers language decompose shapes less than or the same as within 10 using the small set of objects tells Extend and create ABAB Discuss the properties of the other quantity; you how many there are in language of 'more patterns common 2D shapes -Explore and represent than', 'less than', Use some sequencing circle, triangle, square, patterns within numbers Represent numbers on 'fewer', 'the same as', language to describe an rectangle, pentagon, up to fingers up to 5 'equal to'. event 'first, 'next', 'last' semi circle 10, including evens and Links numerals to amounts Find one more and Combine shapes to create Recognise and name odds, double facts and one less than a given within 5 common 3D shapes and new ones - a rectangle how quantities can be Solve real-world problems number within 10 and a semicircle to create begin to discuss their distributed equally with numbers to 5 Explore the an arch properties - pyramid, Compare quantities using composition of Make simple comparisons sphere, cube, cuboid, 'more than', 'less than' between objects relating to numbers to 10 cylinder Explore representing Recall number bonds size, length, weight and Continue, copy and numbers through marks as to 5 (including recreate patterns with capacity using key well as numerals subtractions facts) language to compare two different rules Recall most number (ABAB, ABBA, AABB, or three items Bonds to 10 Recognise and name 2D ABBC) Recall doubles to shapes in different Compare length, weight double 5 and capacity using ley orientations - triangle, language. Order 4 or circle, square and more objects by length, rectangle. Know how weight or capacity many corners they have Recognise that 3D shapes are solid. How it is covered Number Shape Space & Measure Number **Numerical Patterns Shape Space & Measure Numerical Patterns** Autumn: Autumn: Autumn: Autumn: counting accurately within recognise the pattern of continue and complete Develop fast recognition of Explore shapes through subitising, ordering the counting system up to 3 objects 5 repeating patterns play and combine shapes numbers to 10, within 10 Begin to Spring: Spring: Recognise numbers to 3 in to make new shapes exploring the value of Counting accurately to 10 compare quantities using capacity, weight, 2D different pictorial Explore length and numbers to 10, Use more and less to greater than, less than, shapes and their representations, count compare two objects using addition within 10, properties compare groups within 5 same with groups accurately to 5 and touch key language exploring number Summer: Spring: Summer: count 3 objects accurately Spring: bonds to 5, one more, doubles facts, subtraction Explore counting to 10 compare quantities using one less, comparing including counting out from a 2D shapes and their and beyond greater than, less than, within 10 properties. Explore larger group, link numerals groups Use more and less to same and equal to using to amounts to 3 combining shapes to make More than/less compare numbers within number balances and Spring: new shapes and describe than/equal to activities addition Develop fast recognition of Explore repeating patterns in continuous provision Recognise the pattern of the counting system up to 5 objects Summer: cardinality beyond 10 Recognise numbers to 5 in capacity – empty and full one to one Summer: Weight - heaviest and different pictorial correspondence with Odd and Even numbers representations, count lightest magic counting wands **Doubles** Puppet role plays accurately to 10 and touch Using prepositional Sharing between two count 5 objects accurately language and describing a Ncatm Reception and three equal groups. including counting out from a familiar number mastering Recognising groups larger group, link numerals Route lessons that are not equal Explore 3D shapes e.g. to amounts to 5 Relevant cones, cubes, sphere Represent numbers to 5 with Numberblocks clips fingers with appropriate Compare two quantities questioning within 5 recognising which Spring: subitising, number has more and which has bonds to 10, addition less within 10, more than, Summer: Begin to compare two fewer than, equal, quantities within 10 accurately count beyond 10 forwards recognising which has more and which has less and backwards Solve real world problems Summer:

doubles facts,