Number Knowledge Map To develop subject knowledge & understanding To count to and across 100. To physical track To sequence numerals To know and use To demonstrate an understanding of To continue a number sequence forwards and backwards, counting including filling in the numbers. 1:1 correspondence of everyday objects beyond a small number beginning with 0 or 1 or from Counting - forewards & any given number backwards, read & write Ta count up to 5 numbers, identify more & less, To know that the To count, read To count counting in steps from a given To count an quantity of a up to ten and write objects To follow a counting number forewards & irregular number never numbers to 100 objects backwards. sequence/pattern accurately arrangemen changes e.g. 3 is in numerals accurately Representing - identify, (in steps, claps) To recite number names ts of objects always 3 represent, estimate numbers in sequence anticipate including number lines. To use ordinal To recognise the To use ordinal Comparing - use language of what numbers to describe place value of each To record, numbers comes next equals, more than, less than, position e.g. first, last To show an awareness of digit in a two digit To use number using marks in a number most & least. Compare & number names or abjects number (10s, 1s) names in rhymes To represent numbers using rhyme order 0-100, use symbols. that they can fingers, marks on paper or Place value - Recognise place To find 1 more/less of a interpret e.g. pictures To say some number To complete a number value of digit & two digit (tens. group of up to 10 objects tally, sentence using numerals names in familiar contexts counters Solving Problems. - use place value & number facts. To recognise numerals 0-5 To recognise numerals 0-10 To know simple number facts To indicate 0,1, 2 doubles, number bonds to ten To recognise some Milestone 1 for Violet To use some number To complete a number To make recognisable numerals of personal To respond names correctly To make sets sentence with the support of attempts of numbers significance to how of 1, 2 and 3 objects many?" and relate to To select a small number numerals To know numbers and identify from a group e.g. give me To solve problems using how many objects in a set To understand the To manipulate symbols of +, -, = into piles, groups To solve problems using To begin to make To know numbers and or stacks a range of strategies comparisons between relate to quantity To add & subtract. qualities To salve Complexity - solve one step word addition & subtraction To match numeral and To say the number that is 1 problems problems, Concrete & pictorial quantity correctly more/1 less than a given number To demonstrate an involving quantities & using understanding of more number measures. Use symbols + - =, To use language related to To recognise that a quality can To find 1 more/less from a group of up knowledge of mental/written recall quantity e.g. more, fewer increase or decrease to five objects methods. Methods - one/two digit 0-20, ones & tens, addition in any To use the language of more than, To understand 'less' To compare amounts order, subtraction from one equal to, less than, most and least (more/less) and check To calculate using a number from another cannot. by counting range of resources Checking - use inverse To estimate how many relationships between addition objects and check by & subtraction to check To know that a group of things change in quantity counting calculations & solve missing when something is added or taken away. numbers. Using number facts-use To practically To separate a group of 5 objects in To find the total number of To recognise and use inverse no.bonds related to add or take different ways and knows the total items in two groups by relationship between addition and subtraction facts within 20. away from a is always the same (number bonds) counting them subtraction and use this to check group of objects calculations and solve number problems