Owls Maths Overview **Shine Brightly**

In line with Birth to 5 Matters and White Rose Nursery maths scheme.

Autumn Term	Spring Term	Summer Term
Birth to 5 Matters **Counting** Begins to say numbers in order, some of which are in the right order May enjoy counting as far as they can go Point or touches each item, saying one number for each item, using the stable order of 1,2,3,4,5 **Cardinality** Subitise one, two and three objects (without counting) **Composition** Through play & exploration, beginning to learn that numbers are made up of smaller numbers (focus on numbers 3 and 4) **Spatial Awareness** Responds to and uses language of position and direction Shape Enjoys portioning and combing shapes to make new shapes with 2d and 3D shapes Chooses items based on their shape which are appropriate for the child's purpose **Patterns** Explores and adds to simple linear patterns of two or three repeating items Joins in with simple patterns predicting what comes next	**Birth to 5 Matters** **Counting** May enjoy counting as far as they can go Use some number names and umber language within play, and may show fascination with large numbers. Begin to recognise numerals 0-5 **Cardinality** Subitise one to five objects (without counting) Counts up to 5 items, recognising that the last number said represents the total counted so far Links numerals with amounts up to 5 **Composition** Through play & exploration, beginning to learn that numbers are made up of smaller numbers (focus on numbers up to 5) Separates a group of objects in different ways, beginning to recognise that the total is still the same **Comparisons** Compares two small groups of up to five objects, saying when there are the same number of objects in each group Use words like 'more than', 'fewer than'. **Spatial Awareness** Responds to and uses language of position and direction (under, beside, between – link to traditional tales – eg. put the troll under the bridge.) **Measures** Explore differences in size, length In meaningful contexts, finds the longer or shorter or two items Recalls a sequence of events in everyday life and stories	**Birth to 5 Matters** **Cardinality** Counts up to 5 items, recognising that the last number said represents the total counted so far Links numerals with amounts up to 5 **Shape** Responds to both informal language and common shape names Shows awareness of shape similarities and differences between objects Enjoys partioning and combing shapes to make new shapes with 2d and 3D shapes Chooses items based on their shape which are appropriate for the child's purpose Attempts to create arches and enclosures when building **Spatial Awareness** Predicts, moves and rotates objects to fit the space or create the shape they would like Responds to and uses language of position and direction (under) **Counting** Enjoys reciting numbers from 0 – 10 Begin to recognise numerals 0-5 **Cardinality** Links numerals with amounts up to 5 Explores using a range of their own marks and signs to which they ascribe mathematical meanings **Composition** Beginning to use understanding of number to solve practical problems in play and meaningful activities Beginning to recognise that each counting number is one more than the one before **Measures**

	Patterns Create their own spatial patterns showing some organisation or regularity Explores and adds to simple linear patterns of two or three repeating items Joins in with simple patterns predicting what comes next	Explore differences in capacity In meaningful contexts, finds the more/less full of two items
Books to support- 5 in the bed, click clack 1,2,3, 1,2,3 do the Dinosaur, Aliens love underpants, Duck in the truck, Little Red hen, Brown Bear, Brown Bear, 3 little bunnies, Lula's first day,	**Books to support-** Harry and the Bucketful of Dinosuars, Elmer, Goldilocks and the three bears, The best Bug Parade, Billy Goats Gruff, Where's Spot?, Beep Beep Vroom Vroom, 5 Little Dinosaurs, Bears in bed	**Books to support-** The Hungry caterpillar, Handa's Surpise, Gingerbread Man, Gruffalo, One Ted falls out of bed, Six chicks, Whatever next, Three Little pigs, Shark in a park, Postman Bear,