Mathematics at Bridgewater: Reception Long Term Map

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Books to support and enhance skills lesson:	Number Rhymes for story shelves My hat it has three corners song Circle /Triangle – Mac Barnett/Jon Klassen	Rosie's Walk – language Kippers Toybox Kandinsky Cat and Bird- shape in art, Witches 4 Six dinner Sid Square- Mac Barnett/Jon Klassen Bear in a square	Ten Black Dots Ten Little Pirates Kippers Birthday Pete the cat and his 4 groovy buttons	Blue Balloon Huey None the number Room on the broom Pattern bugs Titch	The Great Pet Sale The doorbell rang Jack and the beanstalk Cockatoos	One to ten and back again One is a snail ten is a crab How many legs? Pete the cat and the missing cupcakes
Focus	**Early Mathematical Experiences** Counting rhymes and songs. Classifying objects based on one attribute. Matching equal and unequal sets. Comparing objects and sets. Subitising. Ordering objects and sets/introduce manipulatives. Number recognition. 2D Shapes. **Pattern and early number** Recognise, describe, copy and extend colour and size pattern. Count and represent the numbers 1 to 3. Estimate and check by counting. Recognise numbers in the environment. A number a week.	**Numbers within 6** Count up to six objects. One more or one fewer. Order numbers 1 – 6. Conservation of numbers within six **Addition and subtraction within 6** Explore zero. Explore addition and subtraction. **Measures** Estimate, order compare, discuss and explore capacity, weight and lengths. **Shape and sorting** Describe, and sort 2-D & 3-D shapes. Describe position accurately. **Calendar and time** Days of the week, seasons. Sequence daily events.	**Numbers within 10** Count up to ten objects. Represent, order and explore numbers to 8. One more or fewer, one greater or less than. **Numbers within 15** Count up to 15. objects and recognise different representations. Order and explore numbers to 8. One more or fewer.	**Grouping and sharing** Counting and sharing in equal groups. Grouping into fives and tens. Relationship between grouping and sharing. **Numbers within 10** Count up to 10 objects. Represent, order and explore numbers to 15. One more or fewer. **Doubling and halving** Doubling and halving & the relationship between them.	**Shape and pattern** Describe and sort 2-D and 3-D shapes Recognise, complete and create patterns **Addition and subtraction within 20** Commutativity Explore addition and subtraction Compare two amounts Relationship between doubling and halving **Money** Coin recognition and values Combinations to total 10p /20p Change from 10p **Measures** Describe capacities. Compare volumes. Compare weights. Estimate, compare and order lengths.	**Depth of numbers within 20** Explore numbers and strategies. Recognise and extend patterns. Apply number, shape and measures knowledge. Count forwards and backwards. **Numbers beyond 20** One more one less. Estimate and count. Grouping and sharing.