Reception Medium Term Planning Summer Term Maths

Week	White Rose Block	W/C	Main Focus	Key Concepts and Additional focus
1	To 20 and Beyond	25.04.22	Composition of numbers to 20	They will begin to build and identify numbers to 20 using a range of resources, such as tens frames and counters, number shapes and cubes. As children begin to explore larger numbers ensure they can see that they are composed of full tens and part of the next ten.
2	To 20 and Beyond	02.05.2022	Composition of numbers to 20 – missing numbers (one more/one less)	They will continue to develop their understanding of numbers to 20. They will see pictorial representations of these numbers using a range of resources, such as tens frames and counters, number shapes and cubes. They will match these representations to numerals. We will continue to reinforce that these numbers are made up of 1 full ten and some more ones.
3	To 20 and Beyond	02.05.2022	Find my match – shape	They will explore spatial reasoning. They will explore 2D shapes and explore how they can be rotated to match.
4	First, Then, Now	09.05.2022	Exploring shape	They will explore how shapes can be combined and separated to make new shapes (two triangles make a square)
5	First, Then, Now	16.05.2022	Take away (using the language first, then, now)	They will explore how a quantity of a group can be changed by taking objects away. They will be encouraged to count or subitise how many objects there are to begin with. Then, they will take the required amount away. Then, they will subitise or count to see how many objects are left.
Half Term		23.05.2022	Half Term	
7	Find my pattern	06.06.2022	Doubling numbers 0-10.	They will learn that doubling means 'twice as many'. They will explore doubles using real objects and pictorial representations of matching groups.
8	Find my pattern	13.06.2022	Sharing (fair and unfair)	They will explore how objects can be shared between two animals and will explore when objects are shared equally.
9	Find my pattern	20.06.2022	Odd and Even	Explore how some quantities can be grouped into pairs and some quantities will have one left over. They will explore

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				building pair patterns on ten frames to see if a number is odd or even.
10	On the Move	27.06.2022	Explore the composition of numbers to 10 (consolidate previous learning)	They will consolidate and practise the key skills of adding and subtracting.
11	On the Move	04.07.2022	Addition/comparing different amounts	They will play a game which will encourage them to practise strategies for addition when they add up the score and comparing numbers when they work out who has won.
13	On the Move	11.07.2022	Maps – positional language (next to, behind, in front...)	They will explore how we can make maps and plans to represent places and they will use these to see where things are in relation to other things.

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Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12

Week 1 & 2	Week 3 & 4	Week 5, 6 & 7	Week 8, 9 & 10	Week 11 & 12
Numbers *(Using numbers 1 – 20)* **Children count reliably with numbers from 1 to 20** Recognises numerals 1 to 20. Counts out up to 20 objects from a larger group. Count actions or objects which cannot be moved. Selects the correct numeral to represent 1 to 20 objects. Counts objects to 20. Counts an irregular arrangement of up to 20 objects.	**Numbers** *(Securing numbers 1-20)* **Place them in order and say which number is one more or one less than a given number. Using quantities and objects, they add and subtract two single-digit numbers and count on or back to find the answer.** Uses the language of 'more' and 'fewer' to compare two sets of objects. Finds the total number of items in two groups by counting all of them. Says the number that is one more than a given number. Finds one more or one less from a group of up to 20 objects. In practical activities and discussion, begin to use the vocabulary involved in adding and subtracting. Estimates how many objects they can see and checks by counting them.	**Numbers** **Solve problems including doubling, halving and sharing** In practical activities and discussion, begin to use the vocabulary involved in doubling, halving and sharing.	**Shape, space and measures** **Children use everyday language to talk about position and distance to compare quantities and objects and to solve problems.** Can describe their relative position such as 'behind' or 'next to'.	Time at the beginning or end of the term for consolidation, gap filling, seasonal activities, assessments, etc.