Glenfield Infant School Year R Long Term Plan Maths

New learning is listed for each term, with the understanding that learning from previous terms is then revisited and embedded across the rest of the year.

Areas of Learning	Autumn 1 Feelings and Friendships	Autumn 2 Celebrations and Festivals	Spring 1 People Who Help Us	Spring 2 Spring into Space	Summer 1 Our amazing planet	Summer 2 Under the sea and Pirates
Maths NCETM Mastering Number						

Maths NCETM Mastering Number — Autumn (Weeks 1–10)

Week 1	Week 2	Week 3	Week 4	Week 5
Subitising	Counting, ordinality and cardinality	Composition	Subitising	Comparison
Subitising within 3	Focus on counting skills	Explore how all numbers are made of 1s. Focus on composition of 3 and 4	Subitise objects and sounds	Comparison of sets - 'just by looking'. Use the language of comparison: *more than* and *fewer than*
Week 6	**Week 7**	**Week 8**	**Week 9**	**Week 10**
Counting, ordinality and cardinality	Comparison	Composition	Composition	Counting, ordinality and cardinality
Focus on counting skills. Focus on the 'five-ness of 5' using one hand and the die pattern for 5	Comparison of sets - by matching. Use the language of comparison: *more than, fewer than, an equal number*	Explore the concept of 'whole' and 'part'	Focus on the composition of 3, 4 and 5	Practise object counting skills. Match numerals to quantities within 10. Verbal counting beyond 20

Maths NCETM Mastering Number — Spring (Weeks 11–20)

Week 11	Week 12	Week 13	Week 14	Week 15
Subitising	Counting, ordinality and cardinality	Composition	Composition	Composition
Subitise within 5 focusing on die patterns. Match numerals to quantities within 5	Counting – focus on ordinality and the 'staircase' pattern. See that each number is one more than the previous number	Focus on 5	Focus on 6 and 7 as '5 and a bit'	Compare sets and use language of comparison: *more than, fewer than, an equal number to*. Make unequal sets equal
Week 16	**Week 17**	**Week 18**	**Week 19**	**Week 20**
Counting, ordinality and cardinality	Comparison	Composition	Composition	Composition
Focus on the 'staircase' pattern and ordering numbers	Focus on ordering of numbers to 8. Use language of *less than*	Focus on 7	Doubles – explore how some numbers can be made with 2 equal parts	Sorting numbers according to attributes - odd and even numbers

Maths NCETM Mastering Number — Summer (Weeks 21–26)

Week 21	Week 22	Week 23	Week 24	Week 25	
Counting, ordinality and cardinality	Subitising	Composition	Composition	Comparison	
Counting – larger sets and things that cannot be seen	Subitising – to 6, including in structured arrangements	Composition – '5 and a bit'	Composition - of 10	Comparison – linked to ordinality. Play track games	
Week 26	**Review and assess**	**Review and assess**	**Review and assess**	**Review and assess**	**Review and assess**
Subitise to 5. Introduce the rekenrek	Automatic recall of bonds to 5	Composition of numbers to 10	Comparison	Number patterns	Counting

Areas of Learning	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1 / Summer 2
Maths	★ I know the purpose of counting is to find the total ★ I know the last number is the amount when counting ★ I can subitise within 3 ★ I can compose and decompose 2 and 3 ★ I can verbally count to 10 ★ I can say which is more than another ★ I can spot and make an ABAB pattern	★ I can touch count accurately to 5 ★ I can compose and decompose 3, 4 and 5 ★ I can subitise to 4 ★ I can recognise the numerals to 5 ★ I can verbally count beyond 10 ★ I can compare amounts saying which is more than, fewer than and equal to	★ I can touch count accurately to 10 ★ I can compose 6 and 7 as "5 and a bit" ★ I can subitise a regular arrangement to 5 ★ I can match numerals to quantities to 5 ★ I can verbally count to 20 ★ I can say one more and one less than numbers to 5 ★ I can make unequal sets, equal ★ I can spot and make an ABBA pattern	★ I can order numbers to 8 with the aid of the "staircase" pattern ★ I can match numerals to quantities to 10 ★ I can verbally count to 20 ★ I can one more and one less than numbers to 10 ★ I can make numbers with two equal parts ★ I can sort numbers into odd and even	**Number** ★ Have a deep understanding of numbers to 10, including the composition of each number. ★ Subitise (recognise quantities without counting) up to 5. ★ Automatically recall (without reference to rhymes, counting or other aids) number bonds up to 5 (including subtraction facts) and some number bonds to 10, including double facts **Numerical Pattern** ★ Verbally count beyond 20, recognising the pattern of the counting system. ★ Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity. ★ Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed equally.