



Brackenwood Infant School

Mastering Number Overview

Years 1 and 2

Year 1: Overview of weeks 1 to 5

Week	Theme	
0	Subitising and the rekenrek	Subitising with dots. Introduction to the rekenrek. Using the rekenrek by subitising.
1	Composition	Composition of 5. Hungarian number frame and rekenrek.
2	Composition	Composition of 6 - 9 as '5 and a bit'
3	Counting, cardinality and ordinality	Ordinal number system to 10. Each number is 1 more than the previous number. Looking at the staircase pattern.
4	Composition	Composition of odd and even numbers. Even numbers are made of 2s and have a flat top. Odd numbers have an extra block.
5	Composition	Composition of 6.

Year 1: Overview of weeks 6 to 10

Week	Theme	
6	Composition	Composition of 8 – including a focus on odd and even numbers to compose an even number Continued practice of subitising within and beyond 6
7	Comparison	Comparison of sets of objects by matching Working within 10 and securing use of correct language for comparison
8	Composition	Composition of 7 – including a focus on odd and even numbers to compose an odd number Continued practice of subitising within and beyond 5
9	Composition	Composition of 9 – linked to the 3-by-3 grid used to explore 6 Continued practice of subitising within and beyond 5
10	Composition	Composition of 10 Working towards use of a systematic approach

Year 1: Overview of weeks 11 to 15

Week	Theme	
11	Composition	Link previous work on the composition of numbers within 10 to partitioning a whole into its parts and combining parts to make a whole. Represent this with a part-part-whole diagram.
12	Composition	Use a systematic approach to partitioning and reason about what they notice. Use a 'number house' to display all bonds of a given number, including zero and itself.
13	Composition	Compare all the bonds of different numbers and notice common features, e.g. even numbers have doubles and odd numbers have near doubles.
14	Comparison	Compare numbers directly and by looking at the position of numbers in the linear number system. Use the language and symbol of 'greater than' and 'less than'.
15	Composition	Consolidate understanding and fluency with composition of 6-9.

Year 1: Overview of weeks 16 to 20

Week	Theme	
16	Counting, cardinality and ordinality	Compare number tracks and number lines. Features of number line - equal spacing, numbers by marks on line. Place numbers on marked and unmarked lines.
17	Number facts and arithmetic	Re-visit 1 more and 1 less in relation to odd and even numbers. Identify 2 more and 2 less linking this to counting in 2s from 0 and 1.
18	Number facts and arithmetic	Identify that even numbers are composed of 2 odd parts or 2 even parts. Link knowledge of composition of the even numbers 4, 6 and 8 to subtraction structures - partitioning and reduction. Use 'first, then, now' stories and identify unknown 'now'.
19	Number facts and arithmetic	Identify that odd numbers are composed of an odd part and an even part. Link knowledge of composition of the odd numbers 5, 7 and 9 to subtraction structures - partitioning and reduction. Use 'first, then, now' stories and identify unknown 'now' and unknown 'then'.
20	Number facts and arithmetic	Adding and subtracting 2 using 'first, then, now' stories. Focus on odd and even.

Year 1: Overview of weeks 21 to 25

Week	Theme	
21	Composition	Composition of 11 - 15 as '10 and a bit'
22	Counting, cardinality and ordinality	Comparing numbers 11 - 15. Position of 11 - 15 on the number line. Number line to 20. 10 as the midpoint.
23	Number facts and arithmetic	Introducing the + and = symbols. Expressions and equations linked to aggregation. Linking the part-part-whole diagram to addition equations.
24	Number facts and arithmetic	Introducing augmentation and linking this to addition expressions and equations. Linking augmentation and aggregation through the use of the part-part-whole diagram.
25	Number facts and arithmetic	Doubles and halves within 10. Doubles as symmetrical arrangements including on the rekenrek.

Year 1: Overview of weeks 26 to 30

Week	Theme	
26	Composition	Retrieval practice within 10 including use of equations.
27	Number facts and arithmetic	Subtraction as partitioning with a focus on the use of 'not'. Link to ppw, rekenreks and equations.
28	Number facts and arithmetic	Re-cap augmentation and link to + and = symbols. Subtraction as reduction using <i>first, then, now</i> and linking to equations. Unknown minuends.
29	Number facts and arithmetic	Retrieval practice for facts within 10 including use of equations.
30	Composition	Re-cap numbers 11 - 15 and explore composition of numbers 16 - 19. Compare numbers within 20.
31	Number facts and arithmetic	Retrieval practice for facts within 10 including use of equations.

The background features abstract, overlapping geometric shapes in various shades of green, ranging from light lime to dark forest green. These shapes are primarily located on the right side of the page, creating a modern, layered effect. The rest of the page is a plain white background.

Year 2

Summary of Year

Year 2: Overview of weeks 1 to 5

Week	Theme	
0	Subitising and the rekenrek	Subitising with dots. Introduction to the rekenrek. Using the rekenrek by subitising.
1	Composition	Composition of 5 and 10. Hungarian number frame and rekenrek.
2	Composition	Composition of 6 - 9 as '5 and a bit'
3	Counting, cardinality and ordinality	Ordinal number system to 10. Each number is 1 more than the previous number. Looking at the staircase pattern. Number tracks and lines. Focus on equal spacing on lines.
4	Composition	Composition of odd and even numbers. Even numbers are made of 2s and have a flat top. Odd numbers have an extra block.
5	Composition	Composition of 6.

Year 2: Overview of weeks 6 to 10

Week	Theme	
6	Composition	Composition of 8 – including a focus on odd and even numbers to compose an even number Continued practice of subitising within and beyond 6
7	Comparison	Comparison of sets of objects by matching Working within 10 and securing use of correct language for comparison
8	Composition	Composition of 7 – including a focus on odd and even numbers to compose an odd number. Continued practice of subitising within and beyond 5
9	Composition	Composition of 9 – linked to the 3-by-3 grid used to explore 6 Continued practice of subitising within and beyond 5
10	Composition	Composition of 10 Working towards use of a systematic approach

Practice tasks include those in which cardinality is visible and when it is not.
Numerals and symbols included.

Year 2: Overview of weeks 11 to 15

Week	Theme	
11	Composition	Link previous work on the composition of numbers within 10 to partitioning a whole into its parts and combining parts to make a whole. Represent this with a part-part-whole diagram and to equations using the + - and = symbols.
12	Number facts and arithmetic	Use a systematic approach to partitioning and reason about what they notice. Use a 'number house' to display all bonds of a given number, including zero and itself. Complete missing number equations.
13	Composition	Explore the composition of 11 - 19 as '10 and a bit' using a range of representations. Complete missing number equations.
14	Number facts and arithmetic	Re-cap the composition of 11 - 19 as '10 and a bit'. Re-cap the effect of adding or subtracting 2 to odd and even numbers to numbers within 10 and extend this to working within 20.
15	Composition	Consolidate bonds of and within 10. Use this to identify 3 addends which sum to 10 and find a missing third addend if the whole is 10 and 2 addends are given.

Year 2: Overview of weeks 16 to 20

Week	Theme	
16	Counting, cardinality and ordinality.	Link the composition of numbers which are '10 and a bit' to the linear number system. Reason about midpoints.
17	Number facts and arithmetic	Apply knowledge of bonds within 10 to calculations within 20 (and beyond) working within boundaries.
18	Number facts and arithmetic	Doubles and halves within 20, drawing on the '5 and a bit' structure of 6 - 9.
19	Number facts and arithmetic	Near doubles: double plus 1 produces a near double. Near doubles are created by adding adjacent numbers and are odd numbers.
20	Number facts and arithmetic	Near doubles: double minus 1 also produces a near double.

Year 2: Overview of weeks 21 to 25

Week	Theme	
21	Counting, cardinality and ordinality.	Number line to 100 - position of multiples of 10 relate to the number line 0 - 10. Previous and next multiples of 10. Midpoint of 50 on a 0 - 100 number line.
22	Number facts and arithmetic	Addition across 10. Augmentation using bus context. Focus on splitting of second addend. Pictorial recording.
23	Number facts and arithmetic	Addition across 10. Augmentation using bus context. Stem sentences leading to symbolic recording.
24	Number facts and arithmetic	Addition across 10. Adding 5 on a rekenrek to create '10 and a bit'. Consolidate partitioning through use of aggregation structure shown by Numberblocks.
25	Number facts and arithmetic	Subtraction as reduction across 10 - subtracting through 10
26	Number facts and arithmetic	Subtraction as reduction across 10 - subtracting through 10

Year 2: Overview of weeks 27 to 31

Week	Theme	
27	Number facts and arithmetic	Subtraction as the inverse of addition. Missing addend questions; linking addition and subtraction across 10.
28	Number facts and arithmetic	Subtraction as reduction across 10 - subtracting from 10
29	Number facts and arithmetic	Practice and consolidate: <ul style="list-style-type: none">• choose the best strategy for a given calculation• part-part-whole diagrams• number walls; equations• balancing equations: true/ false; fill in the missing symbol ($,$ $>$ $=$); fill in the missing number
30	Number facts and arithmetic	
31	Number facts and arithmetic	