

Grindon Infant School Year 2 Mathematics Medium Term Planning 2026-2027– AUTUMN 1



Number - Number & Place Value

Pupils will be able to:

- count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward
- recognise the place value of each digit in a two-digit number (tens, ones)
- identify, represent and estimate numbers using different representations, including the number line
- compare and order numbers from 0 up to 100; use <, > and = signs
- read and write numbers to 20 in numerals and words
- read and write numbers to at least 100 in numerals and in words use place value and number facts to solve problems

Week 1 07.09.26	Week 2 14.09.26	Week 3 21.09.26	Week 4 28.09.26	Week 5 05.10.26	Week 6 12.10.26	Week 7 19.10.26
Y1 Pre-Learning Challenge- Place Value x2 days • Make numbers to 20 x3 days <i>Recognise the place value of each digit in two-digit numbers.</i>	• Count objects to 100 by making 10s • Use a place value chart • Partition numbers to 100 • Write numbers to 100 in words <i>Compose and decompose two-digit numbers using standard partitioning.</i> <i>Compose and decompose two-digit numbers using non-standard partitioning.</i>	• Partition numbers in different ways to 100 • Write numbers to 100 in expanded form <i>Compose and decompose two-digit numbers using standard partitioning.</i> <i>Compose and decompose two-digit numbers using non-standard partitioning.</i>	• 10s on number line to 100 • 10s and 1s on number line to 100 <i>Reason about the location of any two-digit number in the linear number system.</i>	• Estimate numbers on a number line <i>Reason about the location of any two-digit number in the linear number system.</i>	• Compare objects • Compare numbers • Order objects and. Numbers	• Count in 2s, 5s and 10s Y2 Post Learning Challenge- Place Value Pause & stretch
Key Vocabulary: ones part partition(ed) placeholder place value position recombine represent tens tens column whole	Key Vocabulary: expanded hundreds ones column part partition(ed) placeholder place value position recombine represent tens tens column whole	Key Vocabulary: expanded hundreds ones column part partition(ed) placeholder place value position recombine represent tens tens column whole	Key Vocabulary: forwards/backwards greatest greater/less than halfway between increase interval(s) lower multiples of (ten) ones column place value position start/end point smallest tens column	Key Vocabulary: compare decrease estimate forwards/backwards greatest greater/less than halfway between increase interval(s) lower multiples of (ten) ones column place value position start/end point smallest tens column	Key Vocabulary: compare equal to forwards/backwards greatest greater/less than increase lower multiples of (ten) ones column pattern same as smallest tens column	Key Vocabulary:

Board Games	Discrete Problem Solving Find possibilities NRICH-Three Ball Line up Reasoning Explain with reasons and beginning to use given sentence stems and connectives to expand. Listen to others' explanations, make sense of them and compare and evaluate.	Board Games	Discrete Problem Solving Explore and notice NRICH- Ladybirds in the garden. https://nrich.maths.org/problems/ladybirds-garden Reasoning Explain with reasons and beginning to use given sentence stems and connectives to expand. Listen to others' explanations, make sense of them and compare and evaluate.	Board Games	Discrete Problem Solving Explore and notice Reasoning, convincing and proving. NRICH- The Tall Tower https://nrich.maths.org/problems/tall-tower Reasoning Investigate 'what if?' questions.	Outdoor Fun Activity Halloween Theme
Count forwards and backwards in 1s, from 0/50 or any other number, within 50 and beyond 100, crossing	Count forwards and backwards in 1s, from 0/100 or any other number, within 100 and beyond 100, crossing the 100 boundary					
Mastering Numbers Week 1: - recap the composition of 6, 7, 8 and 9 as '5 and a bit' - identify the missing part of 6, 7, 8 and 9 if 5 is a part. - compose 6, 7, 8 and 9 as '5 and a bit' - compare different representations of the numbers 6–9. - conceptually subitise 6, 7, 8 and 9 - solve missing addend questions where 5 is a known addend. - practise (if necessary) making the numbers 6, 7, 8 and 9 with 5 as a part apply the composition of 6–9 to missing addend/sum questions.	Mastering Numbers Week 2: - recap the language of comparison using 'more than' and 'fewer than' - compare numbers and use the language of 'more than' and 'fewer than'. - compare numbers within 10 - compare numbers and use the language of 'more than', 'fewer than', 'equal to' - recap the language of comparison using 'more than', 'fewer than' and 'equal to' - compare numbers within 10 and use the language of 'greater than' and 'less than' - read expressions using the inequality symbols ($<$ $>$). - identify whether inequalities are true or false with reference to a number line interpret and represent inequalities such as $7 < 5 + 1$ on the rekenrek.	Mastering Numbers Week 3: - recap that doubles are composed by combining 2 equal groups and are even numbers - make doubles arrangements on a 10-frame. - recap that even numbers can be made with doubles - practise recalling doubles within 10 - write addition equations for doubles. - recap the 'shape' of odd and even numbers - sort odd and even numbers within 10 identify that even numbers CAN be composed of 2 odd parts.	Mastering Numbers Week 4: - recap how 6 can arranged in a 2-by-3 pattern - recap the position of 6 on a 0 to 10 number line - experience different arrangements of 6 and identify arrangements - recap bonds of 6 shown in a 2-by-3 array - identify the missing part of 6 in a part-part-whole diagram. - make 6 on 2 rows of the rekenrek and reason about ways to make 6 - complete missing number equations for 6. - identify missing parts of 6 and make 6 on a rekenrek - identify missing symbols in equations and inequalities.	Mastering Numbers Week 5: - recap the position of 8 in the linear number system work systematically to find all the ways in which 8 can be composed - identify that 8 can be composed of 2 odd parts or 2 even parts because it is an even number. - recap that 8 can be composed of 2 odd parts or 2 even parts because it is an even number - sort expressions for 8 according to odd and even addends. - recap that 8 can be composed of double 4 or 5 and 3 - identify 'how many more to make 8'. - reason about bonds of 8 complete missing number equations in which 8 is the total.	Mastering Numbers Week 6: - identify bonds of 10 on a 10-frame - record expressions for 10, identifying odd and even pairs of addends. - recap bonds of 10 - identify whether bonds of 10 are composed of odd or even numbers - complete part-part-whole diagrams in which the whole is 10. - identify bonds of 10 on their fingers - reason about bonds of 10 using a rekenrek. - reason about bonds of 10 - complete related addition and subtraction equations.	Consolidation

