Medium-term Plan
Spring term, two weekly assessment – **High Confidence**

Curriculum Strand	Week	Learning Objective Curriculum Sub-strand	Additional Activities	Professor Assessor Assessment	Rec. No. of Questions	Estimated Test Duration
NUMBER AND PLACE VALUE	1	✓ 6N2 - Read, write, order and compare numbers up to 10 000 000 ✓ 6N5 - Use negative numbers in context, and calculate intervals across zero ✓ 6N6 - Solve number and practical problems that involve 6N2 – 6N5	✓ 6N3 - Determine the value of each digit in numbers up to 10 000 000 ✓ 6N4 - Round any whole number to a required degree of accuracy			
CALCULATION (x/÷)	2	✓ 6C5 - Identify common factors, common multiples and prime numbers ✓ 6C7a - Multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication ✓ 6C7b - Divide numbers up to 4 digits by a two-digit whole number using the formal written method of long division, and interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context	✓ 6C7c - Divide numbers up to 4 digits by a two-digit number using the formal written method of short division where appropriate, interpreting remainders according to the context	6N2 6N5 6N6 6C5 6C7a 6C7b	36	40 - 55 mins
FRACTIONS	3	✓ 6F9a - Identify the value of each digit in numbers given to three decimal places and multiply and divide numbers by 10, 100 and 1000 giving answers up to three decimal places ✓ 6F9b - Multiply one-digit numbers with up to two decimal places by whole numbers ✓ 6F11 - Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts.	✓ 6C7a - Multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication ✓ 6C7b - Divide numbers up to 4 digits by a two-digit whole number using the formal written method of long division, and interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context ✓ 6C7c - Divide numbers up to 4 digits by a two-digit number using the formal written method of short division where appropriate, interpreting remainders according to the context			
FRACTIONS	4	✓ 6F9c - Use written division methods in cases where the answer has up to two decimal places ✓ 6F10 - Solve problems which require answers to be	✓ 6C7a - Multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication	6F9a 6F9b 6F9c	30	30 – 45 mins

		rounded to specified degrees of accuracy.	✓ 6C7b - Divide numbers up to 4 digits by a two-digit whole number using the formal written method of long division, and interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context ✓ 6C7c - Divide numbers up to 4 digits by a two-digit number using the formal written method of short division where appropriate, interpreting remainders according to the context	6F10 6F11		
RATIO AND PROPORTION	5	✓ 6R1 - Solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts ✓ 6R3 - Solve problems involving similar shapes where the scale factor is known or can be found ✓ 6R4 - Solve problems involving unequal sharing and grouping using knowledge of fractions and multiples.	✓ 6F2 - Use common factors to simplify fractions; use common multiples to express fractions in the same denomination ✓ 6F3 - Compare and order fractions, including fractions >1 ✓ 6F4 - Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions			
ALGEBRA	6	✓ 6A1 - Express missing number problems algebraically ✓ 6A4 - Find pairs of numbers that satisfy an equation with two unknowns ✓ 6A5 - Enumerate possibilities of combinations of two variables	✓ 6N2 - Read, write, order and compare numbers up to 10 000 000 ✓ 6N3 - Determine the value of each digit in numbers up to 10 000 000 ✓ 6C4 - Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why	6R1 6R3 6R4 6A1 6A4 6A5	36	40 - 55 mins
MEASUREMENT	7	✓ 6M5 - Use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation up to three decimal places ✓ 6M6 - Convert between miles and km ✓ 6M7a - Recognise that shapes with the same areas can have different perimeters and vice versa	✓ 6N2 - Read, write, order and compare numbers up to 10 000 000 ✓ 6N3 - Determine the value of each digit in numbers up to 10 000 000 ✓ 6C4 - Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why			

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MEASUREMENT	8	✓ 6M7b - Calculate the area of parallelograms and triangles ✓ 6M7c - Recognise when it is possible to use the formulae for the area of shapes ✓ 6M9 - Solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate	✓ 6N4 - Round any whole number to a required degree of accuracy ✓ 6N5 - Use negative numbers in context, and calculate intervals across zero	6M5 6M6 6M7a 6M7b 6m7c 6M9	36	40 - 55 mins
CALCULATION PROBLEM SOLVING	9	✓ 6C3 - Use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy. ✓ 6C4 - Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why ✓ 6C6 - Perform mental calculations, including with mixed operations and large numbers	✓ 6N6 - Solve number and practical problems that involve 6N2 – 6N5 ✓ 6C8 - Solve problems involving addition, subtraction, multiplication and division			
GEOMETRY (SHAPE)	10	✓ 6G4a - Find unknown angles in any triangles, quadrilaterals, and regular polygons ✓ 6G4b - Recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles ✓ 6G5 - Illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius	✓ 6C8 - Solve problems involving addition, subtraction, multiplication and division ✓ 6C9 - Use their knowledge of the order of operations to carry out calculations involving the four operations	6C3 6C4 6C6 6G4a 6G4b 6G5	36	40 - 55 mins
GEOMETRY (POSITION AND DIRECTION)	11	✓ 6P2 - Draw and translate simple shapes on the co-ordinate plane, and reflect them in the axes. ✓ 6P3 - Describe positions on the full co-ordinate grid (all four quadrants)6F11 - Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts.	✓ 6N2 - Read, write, order and compare numbers up to 10 000 000 ✓ 6N3 - Determine the value of each digit in numbers up to 10 000 000			

STATISTICS	12	✓ 6S1 - Interpret and construct pie charts and line graphs and use these to solve problems ✓ 6S3 - Calculate and interpret the mean as an average.	✓ 6N6 - Solve number and practical problems that involve 6N2 – 6N5 ✓ 6C4 - Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why	6P2 6P3 6S1 6S3	24	25 - 40 mins