Medium Term Planning – Maths

Term 5 2024/2025 Class: Year 5

Spine 3: Fractions

Date	Number sense	Spine Materials And Exemplification Unit	Learning Outcomes and Teaching point (TP)
Week 1 21/4/25 (4 days)		Finding equivalent fractions and simplifying fractions Spine: 3.7	1. To reason and apply their knowledge of how to write a fraction in its simplest form TP 3.1 - 3.9 & 3.15 2. To use their knowledge of how to write a fraction in its simplest form when solving addition and subtraction problems (1) TP 3.10 - 3.11 & 3.15 3. To use their knowledge of how to write a fraction in its simplest form when solving addition and subtraction problems (2) TP 3.12-3.13 & 3.15 4. To use their knowledge of how to write a fraction in its simplest form when solving multiplication problems TP 3.14-3.15
Week 2 28/4/25		Common denomination: more adding and subtracting Spine: 3.8	1. To explain, with and without using an image, how to add related fractions TP 1.1 - 1.5, 1.11 - 1.13 2. To use their knowledge of adding related fractions to solve problems in a range of contexts TP 1.14 3. To explain, with and without using an image, how to subtract related fractions (unit fractions) TP 2.1 - 2.8 4. To use their knowledge of adding and subtracting related fractions to solve problems in a range of contexts TP 2.9-2.10 5. To explain, with and without using an image, how to add and subtract related fractions (non-unit fractions) TP 3.1-3.5 & 3.8
Week 3 5/5/25 (4 days)		Common denomination: more adding and subtracting Spine: 3.8	1. To explain, with and without using an image, how to add and subtract related fractions (non-unit fractions that bridge the whole) TP 3.6-2.8 2. To explain how to add or subtract non-related fractions with different denominators TP 4.4 - 4.11 3. To use their knowledge of adding or subtracting non-related fractions with different denominators to solve problems in a range of contexts (non related fractions) TP 4.12 - 4.14 4. To explain how to compare pairs of non-related fractions (converting to common denominators, using fraction sense or using common numerators) TP 5.1 - 5.9
Week 4 12/5/25 **(4 days)**		Common denomination: more adding and subtracting Spine: 3.8 Multiplying fractions and dividing fractions by a whole number Spine: 3.9	1. To explain which method for comparing non-related fractions is most efficient TP 5.13 - 5.15 2. To explain how to multiply two unit fractions TP 1.1 - 1.7 3. To explain how to multiply two non-unit fractions TP 1.8 - 1.12 4. To explain how to divide a unit fraction by a whole number TP 2.1 - 2.7
Week 5 19/5/25 **(4 days)**		Multiplying fractions and dividing fractions by a whole number Spine: 3.9 Linking fractions, decimals and percentages Spine: 3.10	1. To explain how to divide a non-unit fraction by a whole number TP 2.8 - 2.9 2. To explain when and how to divide efficiently a fraction by a whole number TP 3.1 - 3.8 3. To explain how to represent a percentage in different ways and how to convert percentages to decimals and fractions (with a denominator of 100) TP 5.1 - 5.3 4. To explain how to convert a percentage to a fraction (without denominator of 100) TP 5.4 - 5.6