Miss White Maths Medium Term Plan – Summer 1 Year 3

Wk	Main focus of teaching and activities each day	Outcomes of each day
1	**Time, position and direction** Day 1: Begin to calculate time intervals. Day 3: Understand angles as turn and right angles as $\frac{1}{4}$ turns. Day 4: Consolidate understanding of angles as turn and right angles as $\frac{1}{4}$ turns.	Day 1: Calculate time intervals, some crossing the hour. Work out time problems. Day 3: Understand angles as degrees of turn. Use the language clockwise and anticlockwise. Know that a right angle is a quarter turn and four a complete turn. Day 4: Understand angles as degrees of turn. Use the language clockwise and anticlockwise. Know that a right angle is a quarter turn and four a complete turn.
2	**Mental multiplication and division** Day 1: x and ÷ facts for the 3 times table Day 2: x and ÷ facts for the 4 times table Day 3: Writing division facts to go with multiplications Day 4: Dividing using multiplication facts, with remainders	Day 1: Know 3 times table. Know related division facts. Day 2: Know 4 times table. Know related division facts. Day 3: Understand that multiplication is the inverse of division. Write related multiplication and division facts. Day 4: Divide by 5 and find a remainder.
3	Day 1: Dividing using multiplication facts, with remainders **Mental multiplication, division and fractions** Day 2: Double the 4 times table to get the 8 times table. Day 3: Varied multiplications for the 2, 3, 4, 5, 8, 10 times tables. Day 4: Division within tables with remainders.	Day 1: Use multiplication facts to divide a number where the answer has a remainder. Day 2: Know the 4 times table. Use the 4 times table to learn the 8 times table. Day 3: Know the 2, 3, 4, 5, 8, 10 times tables off by heart. Understand that multiplication can be done in any order. Day 4: Divide whole numbers by 2, 3, 4, 5, 8 or 10, using times tables.

4	Day 1: Division within tables with remainders.	Day 1: Divide whole numbers by 2, 3, 4, 5, 8 or 10, using times tables.
	Day 2: Multiplication and division word problems	Day 2: Know which calculation to perform (multiplication or division) in order to solve a word problem. Use multiplication or division to solve a word problem
	Shape, data and measures	
	Day 3: Recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn	Day 3: Recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn
	Day 4: Identify whether angles are greater than or less than a right angle	Day 4: Identify whether angles are greater than or less than a right angle
5	Day 1: Identify horizontal, vertical, perpendicular and parallel lines	Day 1: Sort shapes according to whether they have parallel lines, perpendicular lines or both. Recognise horizontal and vertical lines.
	Day 2: Count faces, vertices and edges of 3D shapes	Day 2: Count faces, vertices and edges of 3D shapes. Look for patterns and generalise
	Day 3: Revise units of time	Day 3: Know units of time and the relationship between them.
	Addition, subtraction and money	
	Day 4: Add three or four 2-digit numbers using expanded or compact addition.	Day 4: Add three or four 2-digit numbers using expanded or compact addition.
6	Day 1: Add three or four 2-digit numbers using compact addition; estimate answers.	Day 1: Add three or four 2-digit numbers using compact addition. 2. Use rounding to estimate totals.
	Day 2: Add three or four 2-digit numbers using compact addition; Find and test rules.	Day 2: Add three or four 2-digit numbers using compact addition. 2. Find and test rules.
	Day 3: Use Frog to help calculate change from £5, £10 and £20.	Day 3: Use Frog (counting up) to help calculate change from £5, £10 and £20.
	Day 4: Use frog to find the difference between amounts of money	Day 4: Use Frog (counting up) to find the difference between amounts of money.

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