

Whiteshill Primary School

Fluency Plan

Year 3

Fluency must include variation (see ready to progress tests and retrieve it quizzes for ideas)

KPI number	Objectives Year 2 Year 3	Teaching Notes
	Read and write 2-digit numbers in numerals	
	Compare and order numbers up to 100	
	Find 1 and 10 more or less than a 2-digit number;	
	Recall and use addition and subtraction facts to 10	
	Add and subtract two 2-digit numbers	
	Understand how multiplication and division can be represented	
	Know and use multiplication and division facts for 2, 5 and 10 multiplication tables	
	Recall factor-factor-product relationships for 2, 5 and 10 multiplication tables	
	Know that addition and multiplication are commutative and subtraction and division are not	
	Read scales in divisions of 1, 2, 5 and 10	
	Recognise and find one half, one quarter, one third and three quarters	
	Identify and describe the properties of 2-D and 3-D shapes, including the number of sides, edges, vertices and faces	
	Use standard units to measure length, mass and height	
	Describe turns using right angles	
	Know the days of the week and months of the year	

	Calculate change and combine coins to make amounts	
	Tell the time to the hour, half past quarter to/past and 5 minute intervals	
	Construct and interpret pictograms using 2s, 5s and 10s	
	Read and write 3-digit numbers	
	Find 1, 10 or 100 more or less than a 2-digit number;	
	Recall and use addition and subtraction facts to 10	
	Add and subtract two 2-digit numbers	
	Understand how multiplication and division can be represented	
	Know that addition and multiplication are commutative and subtraction and division are not	
	Compare and order numbers up to 1000	
	Read scales in divisions of 1, 2, 5 and 10	
	Recognise and find one half, one quarter, one third and three quarters	
	Identify and describe the properties of 2-D and 3-D shapes, including the number of sides, edges, vertices and faces	
	Use standard units to measure length, mass and height	
	Know and use multiplication and division facts for 2, 5, 10, 3, 4 and 8 multiplication tables	
	Recall factor-factor-product relationships for 2, 5, 10, 3, 4 and 8 multiplication tables	
	Describe turns using right angles	
	Know the days of the week and months of the year	
	Calculate change and combine coins to make amounts	
	Tell the time to the hour, half past quarter to/past and 5 minute intervals	

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	Calculate change and combine coins to make amounts	
	Tell the time to the hour, half past quarter to/past and 5 minute intervals	
	Construct and interpret pictograms using 2s, 5s and 10s	
	Read and write 3-digit numbers	

	Find 1, 10 or 100 more or less than a 2-digit number;	
	Compare and order numbers up to 1000	
	Know and use multiplication and division facts for 2, 5, 10, 3, 4 and 8 multiplication tables	
	Recall factor-factor-product relationships for 2, 5, 10, 3, 4 and 8 multiplication tables	
	Add and subtract numbers with up to 3-digits mentally	
	Add and subtract numbers with up to 3-digits using a formal written method	
	Choose efficient methods to add and subtract numbers up to 3-digits	
	Understand how multiplication and division can be represented	
	Know that addition and multiplication are commutative and subtraction and division are not	
	Read scales in divisions of 1, 2, 5 and 10	
	Recognise and find one half, one quarter, one third and three quarters	
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	Recall factor-factor-product relationships for 2, 5, 10, 3, 4 and 8 multiplication tables	
	Add and subtract numbers with up to 3-digits mentally	
	Add and subtract numbers with up to 3-digits using a formal written method	
	Choose efficient methods to add and subtract numbers up to 3-digits	
	Multiply and divide 2-digit by 1-digit numbers mentally	
	Multiply 2-digit by 1-digit numbers using a formal written method	
	Read scales in divisions of 1, 2, 5 and 10	
	Recognise and find one half, one quarter, one third and three quarters	
	Identify and describe the properties of 2-D and 3-D shapes, including the number of sides, edges, vertices and faces	
	Use standard units to measure length, mass and height	
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	Know the days of the week and months of the year	
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	Read and write 3-digit numbers	
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	Compare and order numbers up to 1000	

	Know and use multiplication and division facts for 2, 5, 10, 3, 4 and 8 multiplication tables	
	Recall factor-factor-product relationships for 2, 5, 10, 3, 4 and 8 multiplication tables	
	Add and subtract numbers with up to 3-digits mentally	
	Add and subtract numbers with up to 3-digits using a formal written method	
	Choose efficient methods to add and subtract numbers up to 3-digits	
	Multiply and divide 2-digit by 1-digit numbers mentally	
	Multiply 2-digit by 1-digit numbers using a formal written method	
	Read scales in divisions of 1, 2, 5 and 10	
	Calculate fractions of amounts	
	Recognise and count in tenths	
	Compare and order fractions with same numerator or same denominator	
	Add and subtract fractions with the same denominator	
	Identify and describe the properties of 2-D and 3-D shapes, including the number of sides, edges, vertices and faces	
	Recognise horizontal, vertical, perpendicular and parallel lines	
	Use standard units to measure length, mass and height	
	Identify angles in shapes, including right angles	
	Know the days of the week and months of the year	
	Calculate change and combine coins to make amounts	
	Tell the time to the hour, half past quarter to/past and 5 minute intervals	
	Construct and interpret pictograms using 2s, 5s and 10s	
	Read and write 3-digit numbers	

	Find 1, 10 or 100 more or less than a 2-digit number;	
	Compare and order numbers up to 1000	
	Know and use multiplication and division facts for 2, 5, 10, 3, 4 and 8 multiplication tables	
	Recall factor-factor-product relationships for 2, 5, 10, 3, 4 and 8 multiplication tables	
	Add and subtract numbers with up to 3-digits mentally	
	Add and subtract numbers with up to 3-digits using a formal written method	
	Choose efficient methods to add and subtract numbers up to 3-digits	
	Multiply and divide 2-digit by 1-digit numbers mentally	
	Multiply 2-digit by 1-digit numbers using a formal written method	
	Read scales in divisions of 1, 2, 5 and 10	
	Calculate fractions of amounts	
	Recognise and count in tenths	
	Compare and order fractions with same numerator or same denominator	
	Add and subtract fractions with the same denominator	
	Identify and describe the properties of 2-D and 3-D shapes, including the number of sides, edges, vertices and faces	
	Recognise horizontal, vertical, perpendicular and parallel lines	
	Use standard units to measure perimeter of shapes (length and height) and mass	
	Identify angles in shapes, including right angles	
	Calculate durations of events	
	Tell the time to the hour, half past quarter to/past, 5 minute and 1 minute intervals	

	Calculate change and combine coins to make amounts	
	Construct and interpret pictograms using 2s, 5s and 10s	
	Read and write 3-digit numbers	
	Find 1, 10 or 100 more or less than a 2-digit number;	
	Compare and order numbers up to 1000	
	Know and use multiplication and division facts for 2, 5, 10, 3, 4 and 8 multiplication tables	
	Recall factor-factor-product relationships for 2, 5, 10, 3, 4 and 8 multiplication tables	
	Add and subtract numbers with up to 3-digits mentally	
	Add and subtract numbers with up to 3-digits using a formal written method	
	Choose efficient methods to add and subtract numbers up to 3-digits	
	Multiply and divide 2-digit by 1-digit numbers mentally	
	Multiply 2-digit by 1-digit numbers using a formal written method	
	Read scales in divisions of 1, 2, 5 and 10	
	Calculate fractions of amounts	
	Recognise and count in tenths	
	Compare and order fractions with same numerator or same denominator	
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	Identify and describe the properties of 2-D and 3-D shapes, including the number of sides, edges, vertices and faces	
	Recognise horizontal, vertical, perpendicular and parallel lines	
	Use standard units to measure perimeter of shapes (length and height) and mass	

	Identify angles in shapes, including right angles	
	Calculate durations of events	
	Tell the time to the hour, half past quarter to/past, 5 minute and 1 minute intervals	
	Calculate change and combine coins to make amounts	
	Interpret bar charts	
	Read and write 3-digit numbers	
	Find 1, 10 or 100 more or less than a 2-digit number;	
	Compare and order numbers up to 1000	
	Know and use multiplication and division facts for 2, 5, 10, 3, 4 and 8 multiplication tables	