Whiteshill Primary School
Fluency Plan
Year 2

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

KPI number	Objectives Year 1 Year 2	Teaching Notes
	Count up to 30	
	Order numbers up to 30	
	Compare and order numbers to 100	
	Identify one more and one less than a given number	
	Write and interpret mathematical statements +, – and =	
	Represent and use number bonds within 10 (addition and subtraction facts)	
	Represent and use number bonds for 11 to 16 (addition and subtraction facts)	
	Represent and use number bonds within 20 (addition and subtraction facts)	
	Add and subtract 1 and 2-digit numbers up to 20	
	Represent multiplication using pictorial representations	
	Represent division using pictorial representations	
	Recognise and find one half and one quarter	Of shapes and objects
	Recognise rectangle, square, triangle, circle, cuboid, pyramid and sphere	Take a photo of the plastic shapes in different orientations for them all to label – this could be put up on the board A3 so they can all see it to save printing.
	Measure length and height	Measure in cm
	Use the language of position, direction and movement	Prepositions, clockwise and anti-clockwise, quarter, half and three-quarter turns, go up 4 and across 3 (left and right)

	Know the days of the week and months of the year	
	Tell the time to the hour and half past	Analogue clock faces and clock stamps
	Recognise and know the value of different denominations of coins and notes	Have a large A3 photo sheet for them all to identify numbered coins and notes
	Read and write 2-digit numbers in numerals	Read the word, write the numeral
	Compare and order numbers up to 100	
	Find 1 and 10 more or less than a 2-digit number;	
	Write and interpret mathematical statements +, − and =	
	Represent and use number bonds within 10 (addition and subtraction facts)	
	Represent and use number bonds for 11 to 16 (addition and subtraction facts)	
	Represent and use number bonds within 20 (addition and subtraction facts)	
	Add and subtract 1 and 2-digit numbers up to 20	
	Represent multiplication using pictorial representations	
	Represent division using pictorial representations	
	Recognise and find one half and one quarter	
	Recognise rectangle, square, triangle, circle, cuboid, pyramid and sphere	
	Measure length and height	
	Use the language of position, direction and movement	
	Know the days of the week and months of the year	
	Tell the time to the hour and half past	
	Recognise and know the value of different denominations of coins and 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	*Note: All facts within ten; 7 + 2 = 9 so 70 + 20 = 90*
	Add and subtract two 2-digit numbers	
	Represent multiplication using pictorial representations	
	Represent division using pictorial representations	
	Recognise and find one half and one quarter	
	Recognise rectangle, square, triangle, circle, cuboid, pyramid and sphere	
	Measure length and height	
	Use the language of position, direction and movement	
	Know the days of the week and months of the year	
	Tell the time to the hour and half past	
	Recognise and know the value of different denominations of coins and 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	*Note: All facts within ten; 7 + 2 = 9 so 70 + 20 = 90*
	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	Make sure you use the language of factor-factor-product – not just number sentences
	Know that addition and multiplication are commutative and subtraction and division are not	
	Read scales in divisions of 1, 2, 5 and 10	
	Recognise rectangle, square, triangle, circle, cuboid, pyramid and sphere	
	Measure length and height	
	Use the language of position, direction and movement	
	Know the days of the week and months of the year	
	Tell the time to the hour and half past	
	Recognise and know the value of different denominations of coins and notes	
	Recognise and find one half, one quarter, one third and three quarters	
	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	*Note: All facts within ten; 7 + 2 = 9 so 70 + 20 = 90*
	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	
	Measure length and height	
	Know the days of the week and months of the year	
	Tell the time to the hour and half past	
	Recognise and know the value of different denominations of coins and notes	
	Describe turns using right angles	
	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	*Note: All facts within ten; 7 + 2 = 9 so 70 + 20 = 90*
	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	

	Use the language of position, direction and movement	
	Know the days of the week and months of the year	
	Describe turns using right angles	
	Recognise and know the value of different denominations of coins and notes	
	Tell the time to the hour, half past quarter to/past and 5 minute intervals	
	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	*Note: All facts within ten; 7 + 2 = 9 so 70 + 20 = 90*
	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	
	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	*Note: All facts within ten; 7 + 2 = 9 so 70 + 20 = 90*
	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 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	*Note: All facts within ten; 7 + 2 = 9 so 70 + 20 = 90*
	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	