Orton Wistow Primary School – Curriculum Plan

Subject : Maths

Year :3

Unit : Addition and Subtraction

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Vocabulary	Knowledge What children will know		U What ch	Inderstandir ildren will ur	ig iderstand	Skills What children will be able to do			
Define the word and include etymology if useful. Addition Add, more, and, make, sum, total, altogether Double Near double Half, halve One more, two more ten more Addends – the numbers added together to make the sum Subtraction Take away, minus, fewer, less, difference between	Learning Teaching Assess Remembering Telling Test • Pupils know they can use their knowledge of number bonds to find complements to 100, er 7+3=10 so > > 70 + 30 = 100 > 97 + 3 = 100 > 97 + 23 = 100 > 77 + 23 = 100 • Pupils will know how to add a subtract numbers mentally, including: HTU+U, HTU+T and HTU+H •	ment o 10 .g.	Learning Practising Pupils un affected 3-digit nu Pupils un or renam Pupils un inverse of number Pupils un of the po place vo and 3-di	Teaching Coaching Iderstand whit when addin umber. Iderstand how he ones for te Iderstand how operation to s problems. Iderstand the osition of digit alue to add a git numbers.	Assessment Observing ch digits are g ones to a w to regroup ns. w to use the olve missing importance s and their nd subtract 2	 Learning Reflecting Use coll represe subtract Pupils v adding tens to multiple Pupils v of 10 to exchar 	Teaching Facilitating Crete objects Intations to ad itll use prior knd and subtracti adding and substractions adding and subs	Assessment Evaluating and pictorial d and owledge of ng ones and ubtracting add multiples ber with an	
Americance betweenOne less, two less ten lessMinuend - a quantity or number from which another is to be subtractedSubtrahend - a quantity or number to be subtracted from another.Equals Is equal to, is the same asNumber bonds Number pair Number facts Part, part, whole Partition Recombine	 Pupils know how to digit the column addition or subtraction. Pupils know that in column addition, the digits of the addition are added working from the lowest valuedigit (right) to the greatest value digit (left) Pupils know that if any column sums to ten or greater, then the must 'regroup' Pupils know that when subtract if there is an insufficient numb any unit to subtract in a given column, they must exchange the column to the left. 	ends ey ting, er of from				 Pupils v from a have to Pupils c enable calculo 	vill subtract mu 3-digit number o regroup. an look for pa them to predi ttions.	ultiples of 10 r where I atterns to act answers to	

OWPS Curriculum 2.0

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Vocabulary	l What a	Knowledge children will	know	Understanding What children will understand			Skills What children will be able to do			
Define the word and include etymology if useful.	Learning Remembering	Teaching Telling	Assessment Testing	Learning Practising	Teaching Coaching	Assessment Observing	Learning Reflecting	Teaching Facilitating	Assessment Evaluating	
Missing number Tens boundary / Hundreds boundary Commutative	The ones colu one(s) minus _ one(s). The ones colu one(s) minus _ one(s).	umn represen one(s) is umn represen one(s) is	ts equal to ts equal to							
	Stem Sentence Addend plus sum. I know so I know to one hundre I know that te , so I minus is We line up th ones. W tens plus In column adde hand side.	es addend is a plus is plus is plus ad. an minus know that a sequal to he ones; /e line up the tens. dition, we star n sum is equations tregroup.	equal to the equal to ten, is equal is equal to one hundred ones plus e tens; tt at the right- val to ten or							



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Vocabulary	Knowledge			Understanding			Skills			
	What children will know			What children will understand			What children will be able to do			
Define the word and include	Learning	Teaching	Assessment	Learning	Teaching	Assessment	Learning	Teaching	Assessment	
etymology if useful.	Remembering	Telling	Testing	Practising	Coaching	Observing	Reflecting	Facilitating	Evaluating	
	The ones column represents one(s) minus one(s) is equal to one(s). The tens column represents ten(s) minus ten(s) is equal to ten(s).									

🙀 Orton Wistow Primary School – Curriculum Plan 🙀												
Subject : Maths Year : 3					Unit : Number and Place Value							
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Vocabulary	l What d	Knowledge children will	know	Understanding What children will understand			Skills What children will be able to do					
Define the word and include etymology if useful.	Learning Remembering	Teaching Telling	Assessment Testing	Learning Practising	Teaching Coaching	Assessment Observing	Learning Reflecting	Teaching Facilitating	Assessment Evaluating			
Numbers to one thousand Placeholder - a significant zero in the decimal representation of a number.	 Pupils kno number is and 1s Pupils will each digi 	w that a thre made up o know the pla it in a three-o	ee-digit f 100s, 10s ace value of digit number	 Pupils un make 1 Pupils un make 1 	nderstand that hundred nderstand that hundred	t 100 ones t 10 tens	 Count from 0 in multiples of 4, 8, 50 and 100 Can find 10 or 100 more or less than a given number Read and write numbers up to 1000 in numerals and words 					



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Vocabulary	What	Knowledge children wil	I know	l What ch	Inderstandir ildren will ur	1g Dderstand	What chi	Skills What children will be able to do			
Define the word and include etymology if useful.	Learning Remembering	Teaching Telling	Assessment Testing	Learning Practising	Teaching Coaching	Assessment Observing	Learning Reflecting	Teaching Facilitating	Assessment Evaluating		
 Increasing – becoming greater in size or amount Decreasing – becoming smaller in size or amount Ascending – becoming smaller in size or amount Ascending – increasing in size Descending – decreasing in size Multiple – a number that may be divided by another a certain number of times without a remainder. Factor – a whole number that divides exactly into another number. Rule – the given procedure to follow to continue a pattern Roman Numerals – numerals invented by the ancient Romans which use seven letters of the alphabet to represent numerical values. Approximate – to estimate a number, amount or total Rounding – to change a number to a more convenient value. 	Pupils will than a g Pupils kn Pupils kn numbers hundred to the or Pupils kn betweer counting Stem Senten is 10 is 100 is 100 is 100 is 100 is 100 is 100	II know 10/100 given number ow the symbo- ow that when s, they start from ls digit and when ow the relation ow the relation ow the relation on counting in g in 8s ces more than 0 less than 0 less than 0 less than 0 less than 1 ones, the number on one than 1 ones, the number 1 one than 1 one than	D more or less ols <, > and = n comparing om the ork their way onship 4s and 	 Pupils wi hundred and tens Pupils wi importar 	II understand Is are bigger to are bigger to II understand ace of 0 as a	that than tens han ones. the place holder	 Can coup to 10 Can use to show ones, te Can use show th digit in a Can cowith terr Can cowith terr Can cowith terr less 	mpare and or 000 e different rep the relationsh e place value e place value a three-digit n mplete numb ms that are 1 mplete numb ms that are 10 mplete numb ms that are 10	resentations nip between eds charts to e of each umber er patterns more or less er patterns 0 more or less er patterns 00 more or		



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Vocabulary	Knowledge What children will know			l What ch	Understanding What children will understand			Skills What children will be able to do			
Define the word and include	Learning	Teaching	Assessment	Learning	Teaching	Assessment	Learning	Teaching	Assessment		
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The NCETM have designed materials to support teachers to develop their subject knowledge and understand the learning steps required in order to successfully teach for mastery. The curriculum has been split into a number of areas called 'spines'.

Each spine has a series of Teacher Guidance documents and a PowerPoint containing the relevant representations which should be used to teach that area of maths. Please refer to these documents alongside this Curriculum Plan.

These Spines can be found on Google Drive:

https://drive.google.com/drive/u/0/folders/1Atxv73hPmXLKFm1tKtm3EHOq5h1UW9kX

White Rose Maths Resources can be found on Google Drive:

https://drive.google.com/drive/u/0/folders/1-SLs60Nea84ECjPB5P1vDqzR9tQ57FCh

