Portreath School Calculation Policy Guidance



EYFS/Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Combining two parts to make a whole: part whole model.	Adding three single digits.	Column method- regrouping.	Column method- regrouping.	Column method- regrouping.	Column method- regrouping.
Starting at the bigger number and counting on-using cubes. Regrouping to make 10 using ten frame.	Use of base 10 to combine two numbers.	Using place value counters (up to 3 digits).	(up to 4digits)	Use of place value counters for adding decimals.	Abstract methods. Place value counters to be used for adding decimal numbers.
Taking away ones	Counting back	Column method with regrouping.	Column method with regrouping.	Column method with regrouping.	Column method with regrouping.
Find the difference	Part whole model	(up to 3 digits using place value counters)	(up to 4digits)	Abstract for whole numbers.	Abstract methods. Place value counters
Part wholemodel	Make 10	,		Start with place value counters for	for decimals- with different amounts of
Make 10 using the ten frame	Use of base 10			decimals- with the same amount of decimal places.	decimal places.
	EYFS/Year 1 Combining two parts to make a whole: part whole model. Starting at the bigger number and counting on- using cubes. Regrouping to make 10 using ten frame. Taking away ones Counting back Find the difference Part wholemodel Make 10 using the ten frame	EYFS/Year 1Year 2Combining two parts to make a whole: part whole model.Adding three single digits.Starting at the bigger number and counting on- using cubes.Use of base 10 to combine two numbers.Regrouping to make 10 using ten frame.Counting backTaking away ones Counting backCounting backFind the difference Part whole modelPart whole modelMake 10 using the ten frameUse of base 10	EYFS/Year 1Year 2Year 3Combining two parts to make a whole: part whole model.Adding three single digits.Column method- regrouping.Starting at the bigger number and counting on- using cubes.Use of base 10 to combine two numbers.Using place value counters (up to 3 digits).Regrouping to make 10 using ten frame.Counting backColumn method regrouping.Taking away ones Counting backCounting backColumn method with regrouping.Find the difference Part whole modelPart whole model Use of base 10(up to 3 digits using place value counters)Make 10 using the ten frameUse of base 10Use of base 10	EYFS/Year 1Year 2Year 3Year 4Combining two parts tomake a whole: part whole model.Adding three single digits.Column method- regrouping.Column method- regrouping.Column method- regrouping.Starting at the bigger number and counting on- using cubes.Use of base 10 to combine two numbers.Using place value counters (up to 3 digits).Column method- regrouping.Regrouping to make 10 using ten frame.Counting backColumn method regrouping.Column method- 	EYFS/Year 1Year 2Year 3Year 4Year 5Combining two parts tomake a whole: part whole model.Adding three single digits.Column method- regrouping.Column method- regrouping.Column method- regrouping.Column method- regrouping.Column method- regrouping.Starting at the bigger numbers and counting on- using cubes.Use of base 10 to combine two numbers.Using place value counters (up to 3 digits).Column method- regrouping.Column method- regrouping.Column method- regrouping.Taking away ones Counting backCounting backColumn method methodColumn method regrouping.Column method regrouping.Taking away ones Find the differenceCounting backColumn method with regrouping.Column method with regrouping.Column method with regrouping.Find the difference Part whole modelMake 10 Use of base 10Column method with regrouping.Column method with regrouping.Column method with regrouping.Make 10 using the ten frameUse of base 10Use of base 10Start with place value counters for decimals- with the same amount of decimal places.

	Recognising and	Arrays- showing	Arrays	Column	Column	Column
—	making equal groups	commutative	, inayo	multiplication-	multiplication	multiplication
	making equal groups.	multiplication	2d x 1dusing base	introduced with place	maniphoanon	maniphoanon
ti -	Doubling	multiplication	10	value counters	Abstract only but	Abstract methods
ភ្	Doubling		10	value counters.	might need a	(multi-digit up to 4
	Counting in multiples			(2 and 3 digit	repeat of year 4	digits by a 2 digit
d	Use cubes Numicon			multiplied by 1 digit	first(up to 4 digit	number)
ti -	and other objects in			indiaphod by Fulgity	numbers	(indifficiency)
n	the classroom				multiplied by 1 or 2	
Ī					digits)	
	Sharing objects into	Division as	Division with a	Division with a	Short division	Short division
	groups	grouping	remainder-using	remainder		
			lollipop sticks,		(upto4digitsbya	Long division with
	Division as grouping	Division within	times tables facts	Short division (up to 3	1 digit number	place value counters
	e.g. I have 12 sweets	arrays- linking to	and repeated	digits by 1 digit-	including	(up to 4 digits by a 2
	and put them in	multiplication	subtraction.	concrete and pictorial)	remainders)	digit number)
.0	groups of 3, how					
<u>.</u>	many groups?	Repeated	2ddivided by 1d			Children should
<u>></u>		subtraction	using base 10 or			exchange into the
	Use cubes and draw		place value			tenths and
	round3cubesata		counters			hundredths column
	time.					too