	Rec	Y1	Y2	Y3	Y4	Y5	Y6
Counting & ordering	Count reliably to 20.	Count to & across 100, forwards & backwards from any number.			Count backwards through zero to include negative numbers.	Count forwards & backward with positive & negative numbers through zero.  Count forwards/backwards in	Use negative numbers in context & calculate intervals across zero.
	Order numbers 1 – 20.		Compare & order numbers up to 100 and use <> =.	Compare & order numbers up to 1,000.	Compare & order numbers beyond 1,000.	steps of powers of 10 for any given number up to 1,000,000. Compare & order numbers up to 1,000,000.	Compare & order numbers up to 10,000,000.
					Compare & order numbers with up to 2 decimal places.	Compare & order numbers with 3 decimal places.	
Numbers &		Read & write numbers to 20 in	Read & write all numbers to 100	Read & write all numbers to	Read Roman numerals to 100.	Read Roman numerals to 1,000.	
more/less		numerals & words.  Read & write numbers to 100 in	in digits & words.	1,000 in digits & words.			
	Say 1 more/1 less to 20.	numerals.  Say 1 more/1 less to 100	Say 10 more/less than any number to 100.	Find 10 or 100 more/less than a given number.	Find 1,000 more/less than a given number.		
Tables & multiples	Suy i morey i less to 20.	Count in multiples of 1, 2, 5 & 10.	Count in steps of 2, 3 & 5 from any number up to 100 and in 10s from any number (forward/backward).	Count from 0 in multiples of 4, 8, 50 & 100.	Count in multiples of 6, 7, 9, 25 & 1000.	Identify all multiples & factors, including finding all factor pairs.	Identify common factors, common multiples & prime numbers.
			Recall & use multiplication & division facts for 2, 5 & 10 tables.	Recall & use multiplication & division facts for 3, 4, 8 tables.	Recall & use multiplication & division facts all tables to 12x12.		
Bonds &		Use bonds & subtraction facts to 20.	Recall & use +/- facts to 20.			Recall prime numbers up to 19.	
Facts			Derive & use related facts to 100.	December DV of any 2 digit	December DV of any 4 digit	Recognise & use square numbers & cube numbers.  Recognise PV of any number up	Down dispussible la guarde es de co
Place value & rounding			Recognise PV of any 2-digit number.	Recognise PV of any 3-digit number.	Recognise PV of any 4-digit number.	to 1,000,000.	Round any whole number to a required degree of accuracy.
					Round any number to the nearest 10, 100 or 1000.	Round any number up to 1,000,000 to the nearest 10, 100, 1,000, 10,000 or 100000.	
					Round decimals with 1 dp to nearest whole number.	Round decimals with 2dp to nearest whole number & 1dp.	Identify value of each digit to 3dp.
Calculations +/-	Add & subtract two single digit numbers. Count on/back to find the answer.	Add & subtract: o 1 digit & 2 digit numbers to 20, including zero.	Add & subtract:  o 2-digit nos & ones  o 2-digit nos & tens  o Two 2-digit nos  o Three 1-digit nos	Add & subtract:  o 3-digit nos & nes  o 3-digit nos & tens  o 3-digit nos & tens  Add & subtract:  Numbers with up to 3-digit using written  columnar method.	Add & subtract:  o Numbers with up to 4- digits using written columnar method. o Numbers with up to 1dp.	Add & subtract:  o Numbers with more than 4-digits using formal written method. o Numbers with up to 2dp.	Use knowledge of order of operations to carry out calculations involving 4 operations.
				Estimate and use inverse to check.	Estimate and use inverse to check.	Use rounding to check answers.	Use estimation to check answers.
Calculations x/÷		Solve one-step multiplication & division using objects, pictorial representations and arrays.	Calculate & write multiplication & division calculations using multiplication tables.  Write & recognise & use inverse.	Multiply: o 2-digit by 1-digit	Multiply: o 2-digit by 1-digit o 3-digit by 1-digit	Multiply:  o 4-digits by 1-digit/ 2-digit  Divide:  o Up to 4-digits by 1-digit	Multiply: o 4-digit by 2-digit  Divide: o 4-digit by 2-digit
						Multiply & divide:  o Whole numbers & decimals by 10, 100 & 1000	
Fractions & percentages		Recognise half and quarter of object, shape or quantity.	Recognise, find, name & write 1/3; 1/4; 2/4; 3/4.  Recognise equivalence of simple fractions.	Count up/down in tenths.  Compare & order fractions with same denominator.  +/- fractions with same denominator within one whole.	Count up/down in hundredths.  Recognise & write equivalent fractions  +/- fractions with same	Recognise & use thousandths.  Recognise mixed numbers & improper fractions & convert from one to another.  Multiply proper fractions &	Add & subtract fractions with different denominators & mixed numbers.  Multiply simple pairs of proper fractions, writing the answer in the simplest form.
					denominator.	mixed numbers by whole numbers.  Identify and write equivalent fractions.	Divide proper fractions by whole numbers.  Calculate % of whole number.
Time		Sequence events in chronological order.	Tell time to five minutes, including quarter past/to.	Tell time using 12 and 24 hour clocks; and using Roman numerals.	Read, write & convert time between analogue & digital 12 & 24 hour clocks.	Solve time problems using timetables and converting between different units of time.	
		Use language of day, week, month and year.		Tell time to nearest minute.			
		Tell time to hour & half past.		Know number of days in each month and number of seconds in a minute.			

**Mathematics Non-Negotiables** 

(Minimum end of year expectations)

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