EYFS:	Objectives (by end of year)
 Children will engage in a wide variety of songs and rhymes, games and practical activities. In practical activities and through discussion they will begin to use the vocabulary associated with halving. E.g. 'Share the stars between two people. Half the stars for you and half of the stars for me.' Image: Image: Imag	Solve problems, including halving and sharing.
Year 1: Sharing leading to grouping	
 'Share 20 crayons between 2 pots.' 'How many crayons are in each pot?' Children should move from sharing to grouping in a practical way 'Put 20 crayons into groups of 10. How many pots do we need?' 	Solve one-step problems involving division by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher.
Year 2: Grouping / Arrays / Repeated subtraction	
Continue work on sharing and grouping e.g. $10 \div 5 = 2$ (language to use: 10 divided into groups of 5 equals 2) Use arrays to support division and multiplication Know that division is repeated subtraction: -5 -5 $10 \div 5 = 2$ 0 5 $10 \div 5 = 2$ 0 10	 Recall and use division facts for the 2, 5 and 10 multiplication tables. Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (x), division (÷) and equals (=) signs. Solve problems involving division, using materials, arrays, mental methods, and division facts, including problems in contexts. Show that multiplication of two numbers can be done in any order (commutative).
Year 3: Division within the multiplication tables lead	ng to short division
Revise all work for 2, 5 and 10 times and divide from Year 2. Plenty of work associated with divide and multiply using pictorial methods. Use the language of 12 ÷ 4 means 12 divided into groups of 4 4 (One group of 4) 8 (Two groups of 4) 12 (Three groups of 4) = 3	Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables. Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers divided by one-digit numbers, using mental and progressing to a formal written method.

Leading to short division: 13 452	Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems		
Year 4: Short division with remainders			
Short division with remainders: 032r2 6 11914	Recall multiplication and division facts for multiplication tables up to 12 x 12. Divide two-digit and three-digit numbers by a one-digit number using a formal written layout (not explicitly stated in the programmes of study but implied in the non-statutory guidance).		
Year 5: Short division. Decimal division in context to be included.			
Formal written method of short division: $122 r 2$ $7 \boxed{856}{11}$ $6 \boxed{125.32}{2 1 1} = 14.22$	Divide numbers up to four digits by a one-digit number using a formal short written method of short division and interpret remainders appropriately for the context.		
Year 6: Short and long division – dividing by a two-di	git number (including decimal division).		
Short division for appropriate two-digit divisors. Long division for 3/4-digit numbers divided by a two- digit number. 1539 r 1 = 1539 r 1 $3\overline{ 4618 } = 1539\overline{3}$ $11^2 = 1539.33$ Where possible aim to use a short method of	Divide numbers up to four digits by a two-digit whole number using the formal written method of short division where appropriate, interpreting remainders according to the context. Divide numbers up to four digits by a two-digit whole number using the formal written method of long division and interpret remainders as whole numbers, fractions, or by rounding, as appropriate for the context		
division: 230 r 2 15/6452 Use workings out to support the calculation.			

If short division is by chunking:	not possible then use long division	
92 r 9 27 2493 1350 (50) 0 1443 810 (30) 2 333 270 (10) 5 3 54 (2) 9	Use variation to assist with the calculation. 10 x 27 = 270 20 x 27 = 540 30 x 27 = 810 100 x 27 = 2700 50 x 27 = 1350	