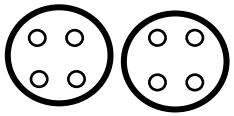
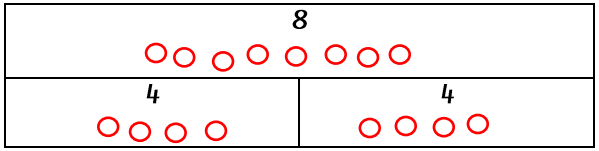
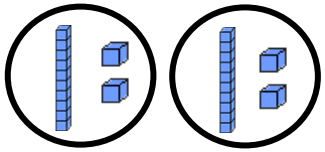
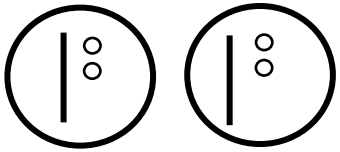
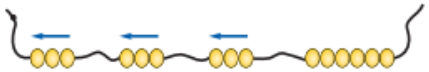
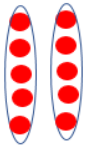
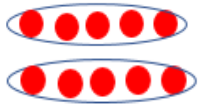
YEAR 2	Division (2, 5 and 10)	
Vocabulary: division, divided by, share, shared between, equal, groups, same, number sentence, calculation, number, numeral, digit, pattern, inverse, jottings.		
Concrete	**Pictorial**	**Abstract**
Equal groups – sharing (÷2, 5 and 10)  **12 cubes** shared equally between **2** is 6 Dienes  25 shared between 5 equals 5.	**Equal groups – sharing** **Jottings** - **preferred method:**  **8** shared between **2** is **4** **8 ÷ 2 = 4** **Bar model:**  	Written mathematical statements and calculations to be shown alongside pictorial representations. However, see below for mental recall. **Mental** **Number facts** Count regularly, on and back, in steps of 2, 3, 5 and 10 from 0. Instantly recall the **2**, **5** and **10** times tables. Understand, show and use the **inverse** relationship between **multiplication** and **division** e.g. 4 x 10 = 40 4 x □ = 40 10 x 4 = 40 □ x 10 = 40 40 ÷ 10 = 4 40 ÷ □ = 40 40 ÷ 4 = 10 □ ÷ 4 = 40 **Using doubling and halving:** Know corresponding halves of doubles of all numbers to 15 and doubles of all numbers of multiples of 5 to 50. 14 ÷ 2 = 7 (by recalling the doubles first)
Halving and sharing 24 ÷ 2 = 12 (link to fractions) **Dienes** 	**Halving and sharing** **Jottings** 24 ÷ 2 = 12 	

Equal groups – grouping *10 ÷ 2= 5* ***Cubes***  *There are 2 groups of 5 sweets.* ***Bead string*** *15 ÷ 3 = 5* 	***Equal groups – grouping*** *10 ÷ 2 = 5* ***Arrays:***   *As **columns*** *OR* *as **rows***	***Using known facts and place value:*** *If 4 ÷ 2 = **2*** *Then 40 ÷ 2 = **20*** ***Recognise odd and even numbers:*** *Explain why 15 is an odd number*