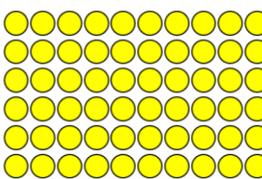
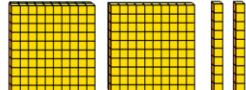




# St John Fisher RC Primary School

## Year 4 Maths Knowledge Organiser

### Spring One - Block One – Multiplication and Division (B)

Objectives	Teacher
I can divide by 10	
I can divide by 100	
<p>I can divide by 10</p> <p></p> <p><math>60 = \underline{6}</math> groups of 10</p> <p><math>60 \div 10 = \underline{6}</math></p> <p><math>220 \div 10 = \underline{22}</math></p> <p><math>220 = 2 \text{ hundreds} + 2 \text{ tens}</math></p> <p>1 hundred = 10 tens</p> <p>2 hundreds = 20 tens</p> <p>There are 22 tens altogether.</p> <p><math>220 = 22 \text{ groups of 10}</math></p>	<p>I can divide by 100</p> <p></p> <p><math>700 \div 100 = \underline{7}</math></p> <p>There are 700 sweets altogether.</p> <p>Sweets come in packets of 100</p> <p>How many packets are there?</p> <p></p> <p><math>2,100 \div 100 = \underline{21}</math></p> <p><math>2,100 = 2 \text{ thousands} + 1 \text{ hundred}</math></p> <p>1 thousand = 10 hundreds</p> <p>2 thousands = 20 hundreds</p> <p>There are 21 hundreds altogether.</p> <p><math>2,100 = 21 \text{ groups of 100}</math></p>
Key Vocabulary	
<b>Multiply</b>	Combining multiple groups of numbers together e.g. $5 \times 5 = 25$ .
<b>Divide</b>	Distributing a group of things into equal parts.
<b>Multiple</b>	The product of two numbers (multiplying 2 numbers together).
<b>Factor</b>	A number that divides exactly into another number without leaving a remainder.
<b>Product</b>	The answer when you multiply 2 numbers together.
<b>Remainder</b>	An amount left over after division (happens when the first number does not divide exactly by the other).
<b>Lots of</b>	Finding the amount of combined groups e.g. 5 lots of 5 is 25.
<b>Commutative</b>	When 2 multiplied numbers give the same answer no matter what order they are in e.g. $2 \times 5 = 10$ and $5 \times 2 = 10$ .
<b>Inverse</b>	Something that is the opposite (e.g. addition is the opposite of subtraction).
Sentence Stems	
$\underline{\quad} \div 10 = \underline{\quad}$	$\underline{\quad} \div 100 = \underline{\quad}$
$\underline{\quad} = \underline{\quad} \div 10$	$\underline{\quad}$ is one-hundredth the size of $\underline{\quad}$
Assessment (Self-Assessment)	