

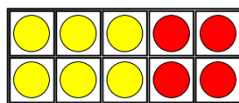
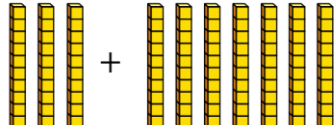


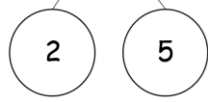
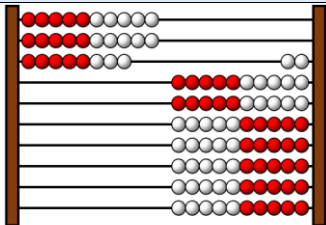
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Year Two Maths Knowledge Organiser

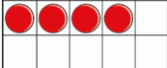
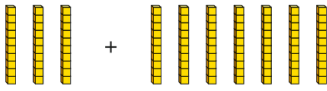
Autumn Term One – Addition and Subtraction

Learning Intentions	Teacher
Bonds to 10	
Bonds to 100	
Add and subtract ones	
Add across a 10	

Bonds to 10	Bonds to 100
$6 + 4 = 10$ I need to add 4 to 6 to make 10  	$3 + 7 = 10$  = 10 $30 + 70 = 100$  = 100

Add and subtract ones	Add across a 10
There are 4 birds in a tree  One bird flies away from the tree. How many birds are there in the tree? 3	$18 + 7 = 25$  $20 + 5 = 25$  $28 + 7 = 35$

Key Vocabulary	
Add	To put two or more numbers together to find the total.
Subtract	To take one number away from another to find how many are left or the difference.
Equals (=)	This symbol means the same as or has the same value as.
Number sentence	A maths sentence that uses numbers and symbols, for example $25 + 14 = 39$.
Difference	The amount between two numbers. We find the difference by subtracting.

Assessment	
Mo puts some counters on a ten frame.  How many more counters does he need to fill the ten frame? 	What addition is shown?  + =
a) $14 + 1 =$ b) $22 + 1 =$ e) $19 - 1 =$ f) $33 +$ $= 34$	$16 + 1 =$ $16 + 2 =$ $16 + 4 =$ $16 + 5 =$

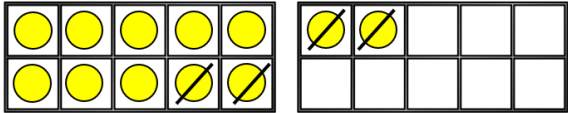
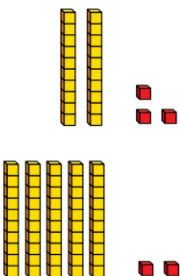


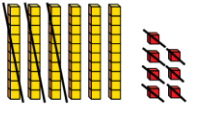
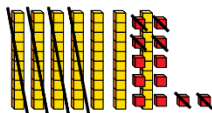
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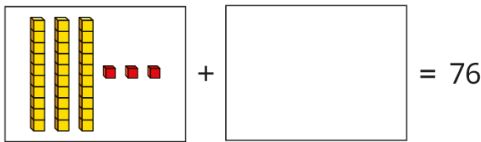
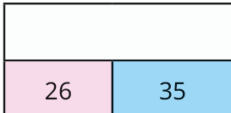
Autumn Term One – Addition and Subtraction

Learning Intentions	Teacher
Subtract across a 10	
Add two 2-digit numbers	
Subtract two 2-digit numbers	
Mixed addition and subtraction	

Subtract across a 10	Add two 2-digit numbers				
$12 - 4 = \square$ 	Use base 10 to calculate $23 + 52$  <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Tens</th><th>Ones</th></tr> </thead> <tbody> <tr> <td>7</td><td>5</td></tr> </tbody> </table> $23 + 52 = 75$	Tens	Ones	7	5
Tens	Ones				
7	5				

Subtract two 2-digit numbers	Mixed addition and subtraction				
 $67 - 37 = 30$ Complete the sentences. <u>7</u> ones – <u>7</u> ones = <u>0</u> ones <u>6</u> tens – <u>3</u> tens = <u>3</u> tens <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Tens</th><th>Ones</th></tr> </thead> <tbody> <tr> <td>3</td><td>0</td></tr> </tbody> </table>	Tens	Ones	3	0	What is the difference between 72 and 46  1 ten = <u>10</u> ones <u>12</u> ones – 6 ones = <u>6</u> ones <u>6</u> tens – 4 tens = <u>2</u> tens $72 - 46 = 26$
Tens	Ones				
3	0				

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Assessment	
a) $12 - 2 = \square$ b) $15 - 5 = \square$ c) $16 - \square = 10$ d) $11 - \square = 10$	Draw base 10 to complete the addition.  Complete the number sentence. $\square + \square = 76$
Use base 10 to work out the subtractions. a) $7 - 2 = \square$ e) $48 - 11 = \square$	a)  c) 