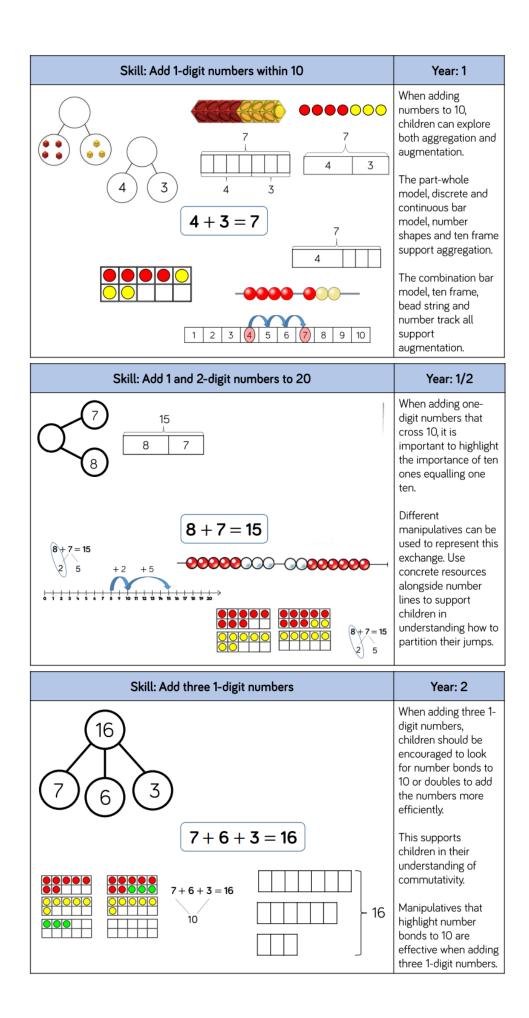
## Meadowfield Primary School Calculation Policy

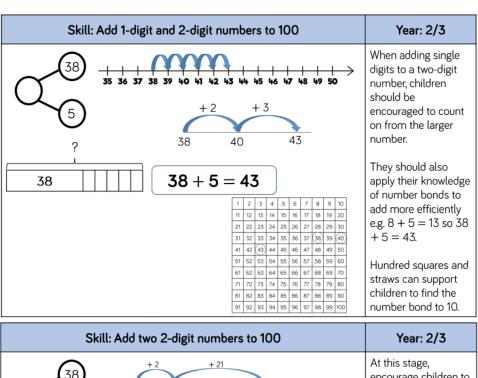
## (based on the White Rose Maths Calculation Policy)

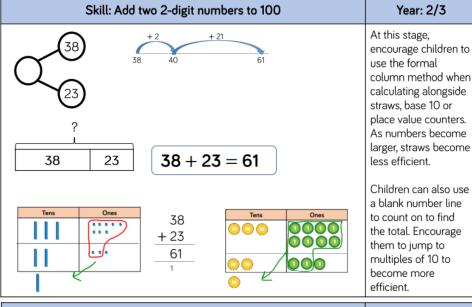
## **Addition progression**

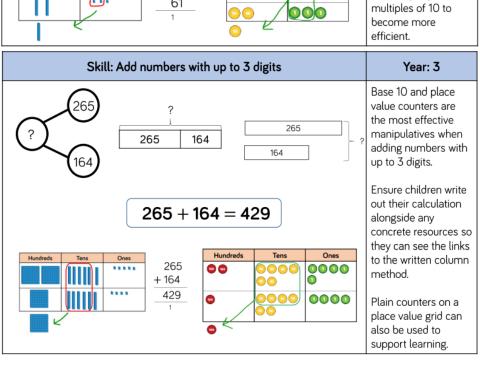
Skill Year Representations and models				
SKIII	rear	Representations and models		
Add two 1-digit numbers to 10	1	Part-whole model Bar model	Ten frames (within 10) Bead strings (10) Number tracks	
Add 1 and 2-digit numbers to 20	1	Part-whole model Bar model Ten frames (within 20)	Bead strings (20) Number tracks Number lines (labelled)	
Add three 1-digit numbers	2	Part-whole model Bar model	Ten frames (within 20) Number shapes	
Add 1 and 2-digit numbers to 100	2	Part-whole model Bar model Number lines (labelled)	Number lines (blank) Hundred square	

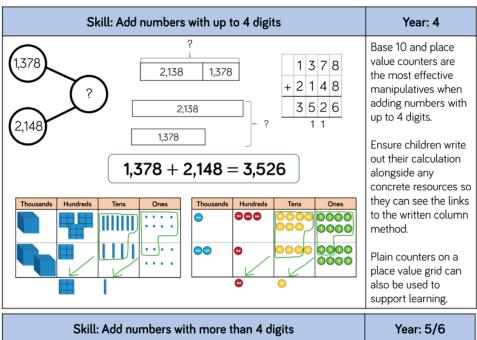
Skill	Year	Representations and models		
Add two 2-digit numbers	2	Part-whole model Bar model Number lines (blank)	Base 10 Place value counters Column addition	
Add with up to 3-digits	3	Part-whole model Bar model	Base 10 Place value counters Column addition	
Add with up to 4-digits	4	Part-whole model Bar model	Base 10 Place value counters Column addition	
Add with more than 4 digits	5	Part-whole model Bar model	Place value counters Column addition	
Add with up to 3 decimal places		Part-whole model Bar model	Place value counters Column addition	

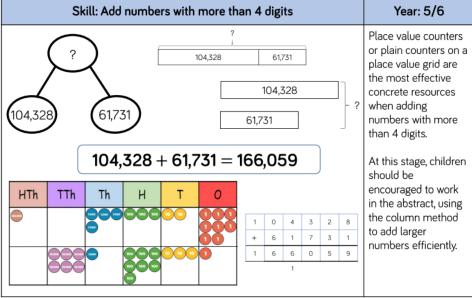


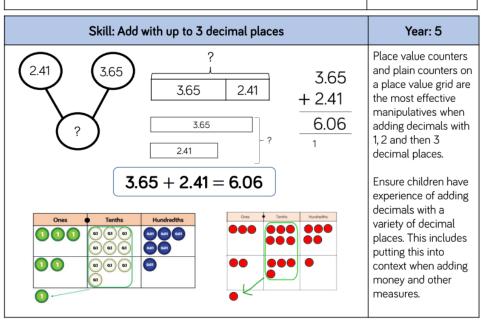












## **Subtraction progression**

Skill	Year	Representations and models		
Subtract two 1-digit numbers to 10	1	Part-whole model Bar model	Ten frames (within 10) Bead strings (10) Number tracks	
Subtract 1 and 2-digit numbers to 20	1	Part-whole model Bar model Ten frames (within 20)	Bead string (20) Number tracks Number lines (labelled)	
Subtract 1 and 2-digit numbers to 100	2	Part-whole model Bar model Number lines (labelled)	Number lines (blank) Straws Hundred square	
Subtract two 2-digit numbers	2	Part-whole model Bar model Number lines (blank)	Base 10 Place value counters Column addition	

Skill	Year	Representations and models		
Subtract with up to 3- digits	3	Part-whole model Bar model	Base 10 Place value counters Column addition	
Subtract with up to 4-digits	4	Part-whole model Bar model	Base 10 Place value counters Column addition	
Subtract with more than 4 digits	5	Part-whole model Bar model	Place value counters Column addition	
Subtract with up to 3 decimal places	5	Part-whole model Bar model	Place value counters Column addition	

