



SARUM HALL SCHOOL

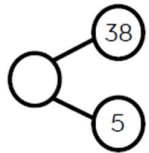
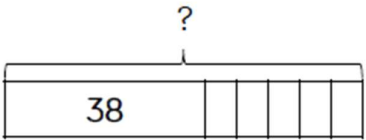
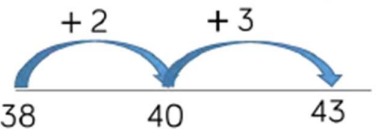
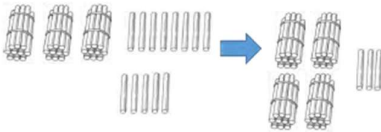
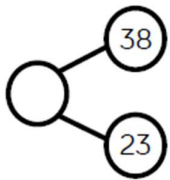
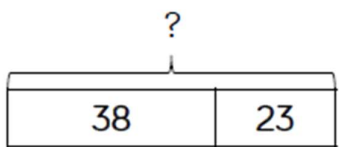
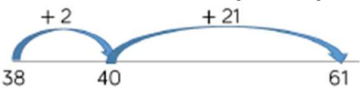
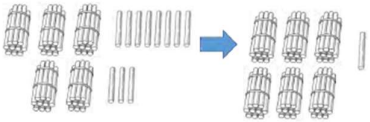
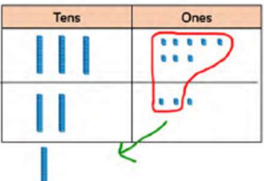
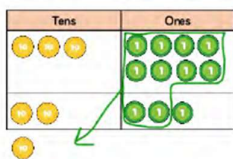
MATHS CALCULATION POLICY (Year 2)

Date: September 2026
Next Review Due: September 2027
Reviewed by: Deputy Head (Academic & Innovation)

This policy has been largely adapted from the White Rose Maths Calculation Policy with further material added.
It is a working document and will be revised and amended as necessary.

ADDITION

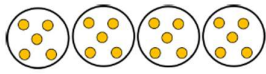
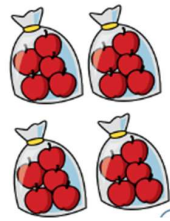
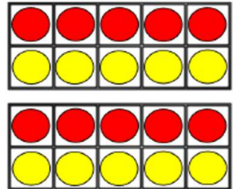
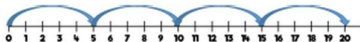
Skill	Representations and Models				Vocabulary
Add 1 and 2-digit numbers to 20	Example: $8 + 7 = 15$				- Sort - Represent - Multiples - Partitioning - Ones - Tens - Place value - Compare - Numbers to 100 - Hundreds - Count in steps - Count in multiples - Estimate - More - Addition/add - Equals - Facts - Problems - Missing number - Number bonds 2-digit number 3-digit number - Commutative
	Part-whole model 	Bar Model 	Number shapes 	Ten frames (within 20) 	
Add three 1-digit numbers	Example: $7 + 6 + 3 = 16$				
	Part-whole model 	Bar Model 	Number shapes 	Ten frames (within 20) 	

Add 1-digit and 2-digit numbers to 100	Example: $38 + 5 = 43$ Part-whole model  Bar Model  Number lines (labelled)  Number links (blank)  Straws  Hundred square 
Add two 2-digit numbers to 100	Example: $38 + 23 = 61$ Part-whole model  Bar Model  Number lines (blank)  Straws  Base 10/Dienes  $\begin{array}{r} 38 \\ + 23 \\ \hline 61 \\ 1 \end{array}$ Place value counters  $\begin{array}{r} 38 \\ + 23 \\ \hline 61 \\ 1 \end{array}$

SUBTRACTION

Skill	Representations and Models				Vocabulary
Subtract 1 and 2-digit numbers to 20	Example: $14 - 6 = 8$				• Sort • Represent • Partitioning • Ones • Tens • Place value • Numbers to 100 • Hundreds • Estimate • Less • Subtraction/ subtract • Take away • Minus • Difference • Equals • Facts • Problems • Missing number • Inverse • Number bonds • 2-digit number • 3-digit number
	Part-whole model	Bar Model	Number shapes	Ten frames (within 20)	
Number tracks		Number lines (labelled)		Straws	
Subtract 1 and 2-digit numbers to 100	Example: $65 - 28 = 37$				
	Part-whole model	Bar Model	Number lines (blank)		
Straws		Base 10/Dienes		Place value counters	

MULTIPLICATION

Skill	Representations and Models	Vocabulary
Solve 1-step problems using multiplication	Example: One bag holds 5 apples. How many apples do 4 bags hold? Bar model  $5 + 5 + 5 + 5 = 20$ $4 \times 5 = 20$ $5 \times 4 = 20$ Number shapes  Counters  Ten frames 	• Sort • Represent • Multiples • Partitioning • Ones • Tens • Place value • Numbers to 100 • Hundreds • Count in steps • Count in multiples • Estimate • Multiplication • Multiply • Arrays • Row • Column • Count in... • Lots of... • Groups of... • Times • Repeated addition • Equals • Facts • Problems • Missing number • 2-digit number • 3-digit number
	Arrays  $5 + 5 + 5 + 5 = 20$ $4 \times 5 = 20$ $5 \times 4 = 20$ Bead strings  Number lines 	

DIVISION

Skill	Representations and Models	Vocabulary
Solve one-step problems with division (sharing)	Example: There are 20 apples altogether. They are shared equally between 5 bags. How many apples are in each bag? Bar model 20 Real life objects	- Sort - Represent - Multiples - Partitioning - Ones - Tens - Place value - Numbers to 100 - Hundreds - Estimate - Division - Divide - Arrays - Row - Column - Count in... - Lots of... - Groups of... - Share - Equals - Facts - Problems - Missing number - Inverse 2-digit number 3-digit number
	Arrays $20 \div 5 = 4$ Counters $20 \div 5 = 4$	
Solve one-step problems with division (grouping)	Example: There are 20 apples altogether. They are put in bags of 5. How many bags are there? Bar model $20 \div 5 = 4$ Number shapes	
	Counters Ten frames Arrays $20 \div 5 = 4$ Bead strings Number lines	