

## The Calculation Sequence – applying the skills

	The Sequence	Prompts	Planning
Teaching the skill	1) Teach the calculation skill	What is the objective you are teaching? Include example questions, increasing in complexity, for both operations.	
	2) Provide an estimate for the calculation	Using knowledge of number and the number system, rounding and approximating, make a reasonable estimate.	
Practising/consolidating the skill	3) Devise similar calculations but include units	Which units do you need to include? Check the measures applicable to your year group for length, weight, capacity, money and time.	
	4) Complete missing box questions	Include units in these questions as above. The box may cover single digits or an entire number. Vary the position of the missing box within the calculation.	
Applying the skill	5) Complete word problems, 1 and 2 step, including units	Write problems, ensuring the numbers are sized correctly in line with the objective and that units are also used.	
	6) Provide opportunities for open ended investigations	Plan example questions and investigations.  Ensure children are working with the correct operations, appropriate size of numbers and use of units for context	
	7) Ensure you have taught the inverse	Plan example questions, increasing in complexity. Ensure methods used are in line with school calculation policy. Check that children understand that inverse can also be used to check calculations	

**NB: INVERSE**

Ensure you have taught addition and subtraction OR multiplication and division before you teach inverse.