

Algebra

Progression of Skills:

- Formulae
- Sequences
- Equations

Formulae

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
					Use simple formulae.
					Recognise when it is possible to use formulae for area and volume of shapes.

Sequences

Sequence events in chronological order using language (e.g. before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening).	Compare and sequence intervals of time.				Generate and describe linear number sequences.
	Order and arrange combinations of mathematical objects in patterns and sequences.				

Equations

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<p>Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations and missing number problems such as $7 = \square - 9$.</p> <p><u>Termly for Rainbow Awards</u></p>	<p>Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems. <u>Ongoing in weekly arithmetic</u></p>	<p>Solve problems including missing number problems, using number facts, place value and more complex addition and subtraction.</p> <p>Solve problems including missing number problems, involving multiplication and division, including positive integer scaling. <u>Ongoing in weekly arithmetic</u></p>		<p>Use the properties of rectangles to deduce related facts and find missing lengths and angles.</p>	<p>Express missing number problems algebraically.</p>
	<p>Recall and use addition and subtraction facts to 20 fluently. Derive and use related facts up to 100. <u>Ongoing in weekly arithmetic</u></p>				<p>Find pairs of numbers that satisfy number sentences involving two unknowns.</p>
<p>Represent and use number bonds and related subtraction facts within 20.</p>					<p>Enumerate all possibilities of combinations of two variables.</p>