















EQUATIONS

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
 LINK IT (Addition and Subtraction, Multiplication): solve one-step problems that involve (all 4 rules) using concrete objects and pictorial representations, arrays and <b>missing number problems</b> such as $7 = \square - 9$	 LINK IT (Addition and Subtraction): recognise and use the inverse relationship between addition and subtraction and use this to check calculations and <b>missing number problems</b>	 LINK IT (Addition and Subtraction, Multiplication and Division): solve problems, including <b>missing number</b> problems...	 LINK IT (Multiplication and Division): Solve problems involving multiplication... including harder correspondence problems such as n objects are connected to m objects	 LINK IT (Geometry: Properties of Shapes): use the properties of rectangles to deduce related facts and find <b>missing lengths and angles</b>	express missing number problems algebraically  find pairs of numbers that satisfy number sentences involving two unknowns  enumerate all possibilities of combinations of two variables
 LINK IT (Addition and Subtraction): represent and use number bonds and related subtraction facts within 20	 LINK IT (Addition and Subtraction): recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100				

FORMULAE

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
			 LINK IT (Measurement): perimeter can be expressed algebraically as $2(a + b)$ where a and b are the dimensions in the same unit.		use simple formulae   LINK IT (Measurement): recognise when it is possible to use <b>formulae</b> for area and volume of shapes



SEQUENCES					
Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
 LINK IT (Measurement): sequence events in chronological order using language such as: before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening	 LINK IT (Measurement): compare and sequence intervals of time   LINK IT (Geometry: position and direction): order and arrange combinations of mathematical objects in patterns				generate and describe linear number sequences

Main objectives are taken from the National Curriculum.

Highlighted objectives are non-statutory and are taken from the Ready to Progress documents.



**LINK IT:** Indicates a link with another unit of work

Objectives written with a **red heading** and black writing **MUST** be taught within the unit

Objectives written in **green** are optional links - Discuss when possible and use for mental starters, extension tasks etc.