## 樃周開䦔乌  Algebra：

Some of the statements within KS1／LKS2 are copied from other domain areas（for e．g．addi－ tion and subtraction due to content cross－ over）
－Identify and use the inverse relationship to
check calculations and solve missing number problems
－Solve unknown values involving time and
measure where algebra can be applied
－Organise and arrange objects into patterns
－Reason mathematically the sequence／order and pattern established

Reading \＆Writing Numbers
Identifying，Representing \＆Estimating Numbers
Comparing Numbers／noticing pattern within se－ quence
Systematic working
Applying formula，Problem solving \＆Reasoning Mental arithmetic and known facts
－Express missing number problems algebraically
－See pattern and explain rule mathematically
－Find possibilities where there are two unknowns
－Enumerate possible combinations of two variables
－Generate and describe linear sequences
－Use simple formula to solve a range of problems

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－Apply the use of formula selectively when presented with a problem in and out of con－ text
－Know and use formula for the area of a trian gle and parallelogram
－Reason and show evidence of systematic strategy when solving more complex alge－ braic problems
－Know that $2(a+b)$ formula solves perimeter problems．Reason how and why this is the case
－Use and apply the formula for perimeter in a range of complex problems／real－life scenari－ os
－Evaluate the efficiency of the methods ex plored plored
－Us mula
－Find the perimeters using the formula to a range of different non－quadrilatera
－Understand that $\mathrm{a} \times \mathrm{b}$ solves the area of a given quadrilateral
－Develop understanding of formula／expression when solving more complex prob－ lems involving shape（composite shapes）and irregular shapes
－Make links from $a \times b$（area）to $a \times b \times c$（volume）．Know what each letter repre－ sents within the formula and use the formula to solve area and volume problems
－Explore expressions for e．g $4+2 b=20$ when working with perimeter to solve unknown measurements and deepen understanding

