

YEAR 6
NUMERACY
TARGET GRIDS
SECURE DEEP



Mostly independent and cross curricular evidence needed

I can tabulate systematically the information in a problem or puzzle; **persevere**, identify and record the steps or calculations needed to solve it, using symbols where appropriate; interpret solutions in the original context and check their accuracy.

I can represent information or unknown numbers in a problem, for example in a table, formula or equation; explain solutions in the context of the problem.

I can represent and interpret sequences, patterns and relationships involving numbers and shapes; suggest and test hypotheses; construct and use simple expressions and formulae in words then symbols.

Fluently, I can generate sequences and describe the general term; use letters and symbols to represent unknown numbers or variables; represent simple relationships as graphs.

I can explain reasoning and conclusions, using words, symbols or diagrams as appropriate.

I can explain and justify reasoning/conclusions using notation, symbols, diagrams; find a counter-example to disprove a conjecture; use step-by-step deductions to solve problems involving shapes.

I can solve multi-step problems, and problems involving fractions, decimals and percentages, choose and use appropriate calculation strategies at each stage.

I can solve problems by breaking down complex calculations into simpler steps; choose and use operations and calculation strategies appropriate to the numbers and context; try alternative approaches to overcome difficulties; present, interpret and compare solutions.

I can suggest, plan and develop lines of enquiry; collect, organise and represent information, interpret results and review methods; identify and answer related questions.

I can develop and evaluate lines of enquiry; identify, collect, organise and analyse relevant information; decide how best to represent and **justify** conclusions and what further questions to ask.

I can recall and apply my taught knowledge rapidly and accurately.

Number and Place
Value

Addition and
Subtraction

Multiplication and
Division

Measurements

Fractions

Geometry

Statistics