

MATHS



	EMERGING	DEVELOPING	SECURE	REFINING
Mathematical Fluency	Can define key mathematical terms, perform basic calculations and demonstrates fluency in the fundamentals of mathematics.	Can use their developed fluency in the fundamentals of mathematics and can apply them when solving problems.	Can independently use and apply their high levels of fluency in the fundamentals of mathematics to solve multi step problems.	Can independently use and apply their high levels of fluency in the fundamentals of mathematics to rapidly and accurately solve varied complex problems in unfamiliar contexts.
Reason Mathematically	Can follow mathematical procedures and make some deductions based on their understanding of mathematics.	Can formulate some mathematical relationships algebraically. Can reason mathematically by following a line of inquiry and make basic generalisations.	Can reason mathematically by conjecturing relationships and by making generalisations in more complex scenarios.	Can independently reason mathematically by following a line of enquiry, conjecturing relationships and generalisations. Can develop an argument, justification or proof using mathematical language.
Problem Solving	Can solve mathematical problems in familiar contexts.	Can apply mathematical knowledge and understanding to solve problems in unfamiliar contexts.	Can identify and choose from a variety of methods to model and solve multi step problems in unfamiliar contexts.	Can independently solve complex multi step problems that use a range of mathematical concepts and evaluate their results.