

Year 7 Skills Pathway - Mathematics

	Bronze 1-4	Silver 5-6	Gold 6-7	Platinum 7-9
Fluency	I can recall basic mathematical facts needed to complete simple tasks.	I can follow a taught process regardless of alternatives and the most efficient approach.	I can quickly recall and utilise number relationships and facts but do not always utilise the most efficient approach.	I can utilise a range of strategies in response to a problem. I can make connections across areas of mathematics.
Reasoning (including Literacy)	I can explain my thinking with scaffolds and prompts from a teacher. I am beginning to verbalise my thinking.	I can describe what I have done but lack reasons or clear explanation. Some good terminology is used but the audience is unclear.	I can present coherent explanations based on a chain of reasoning. I can explain my ideas in written form and am beginning to change my explanation based on the audience or format required. (Inductive reasoning).	I can predict and generalise. Justifications are logical and reflect a clear understanding. I can write clear and concise explanations for different audiences. (Deductive Reasoning).
Problem Solving	I can tackle contextual, abstract and practical problems providing simplistic working with support from a teacher.	I can show resilience and engagement with tasks. I persevere to make progress with teacher scaffolding and support.	I can confidently tackle the content involved in problems, as a result I can focus on understanding a problem with minimum support. I make progress with tasks without always reaching a solution.	I can demonstrate independence, initiative, resilience and I can evaluate my work.
Representing	I can utilise pictorial representations to explain and understand a problem.	I can translate problems into a mathematical format and begin to solve problems.	I can use algebra to explain how I have pictorially represented a problem.	I can fluently switch between pictorial and algebraic representations in order to make sense of problems.



Courage and Courtesy

