

Mathematics KS3 Progress Ladder

		Evaluate methods used and results obtained from the solutions of complex problems.	Seek challenge, thriving on the most challenging tasks for you.
	Evaluate a given way of processing. Assess the validity of an argument.	Appreciate the context of complex problems and solve these presenting your reasoning clearly.	Enjoy challenge, attempting all challenges to the best of your ability.
Recall a range of facts and definitions from across almost all modules studied. Independently conduct a range of routines.	Present arguments and proofs clearly. Interpret and communicate information accurately.	Breakdown complex problems into a series of mathematical processes, combining multiple topics.	Use positive language, actively collaborating with peers to complete challenges.
Recall facts and definitions from your prior learning. Independently carry out routines from previous lessons.	Create a chain of reasoning to achieve a result. Make deductions and draw conclusions.	Create part of a chain of reasoning in response to a complex problem.	Try independently before seeking help.
Accurately recall recently taught maths facts and definitions. Carry out recently taught routine methods, using notation correctly.	Translate maths problems into your own words and conduct part of a chain or reasoning in response to them.	Translate complex maths problems into your own words.	Seek help.
FLUENCY	REASONING using maths	PROBLEM SOLVING using maths across multiple topics	OPTIMISTIC 'CAN DO' ATTITUDE