Cranbrook School

Mathematics Key Stage 3 Level Descriptors

Level			Descriptors
Y7	Y8	Y9	
5	6	7	Students will meet all the statements within the below descriptors, with stronger performance in most or all aspects of the statements.
4	5	6	Students will be able to: • Perform procedures accurately. • Interpret and communicate complex information accurately. • Make deductions and inferences and draw conclusions. • construct substantial chains of reasoning, including convincing arguments and formal proofs. • Generate efficient strategies to solve complex mathematical and nonmathematical problems by translating them into a series of mathematical processes. • Make and use connections, which may not be immediately obvious, between different parts of mathematics. • Interpret results in the context of the given problem. • Critically evaluate methods, arguments, results and the assumptions made.
3	4	5	Students will be able to: • Perform single- and multi-step procedures accurately by recalling, applying and interpreting notation, terminology, facts, definitions and formulae. • Interpret and communicate information accurately. • Make deductions, inferences and draw conclusions. • Construct chains of reasoning, including arguments and basic formal proofs. • Generate strategies to solve mathematical and non-mathematical problems by translating them into a series of mathematical processes. • Make and use connections between different parts of mathematics. • Evaluate methods, results and arguments. • Interpret results in the context of the given problem.

2	3	4	Students will be able to: • Perform routine single- and multi-step procedures effectively by recalling, applying and interpreting notation, terminology, facts and definitions. • Interpret and communicate information. • Make simple deductions and draw conclusions. • Construct chains of reasoning. • Solve problems by translating mathematical and non-mathematical problems into mathematical processes. • Evaluate methods or results. • Interpret results in the context of the given problem.
1	2	3	Students will be able to: • Recall and use notation, terminology, facts and definitions; perform routine procedures, including some multi-step procedures. • Interpret and communicate basic information; make deductions and use reasoning to obtain results. • Solve problems by translating simple mathematical and nonmathematical problems into mathematical processes. • Provide basic evaluation of methods or results. • Interpret results in the context of the given problem.