



Grade Descriptors for GCSEs Graded 9-1: Maths

9	<p>To achieve a Grade 9 candidates will be able to:</p> <ul style="list-style-type: none">• Select accurately and efficiently the most appropriate mathematical procedures to obtain a solution• Communicate a mathematical process coherently and accurately• Manipulate number and algebra efficiently applying it at the highest level• Present mathematical proofs algebraically
8	<p>To achieve grade 8, candidates will be able to:</p> <ul style="list-style-type: none">• 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 non-mathematical 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
7	<p>To achieve a Grade 7 candidates will be able to:</p> <ul style="list-style-type: none">• perform most procedures accurately• interpret and communicate more complex information accurately• make deductions and inferences and draw conclusions• construct chains of reasoning, including convincing arguments and formal proofs• generate efficient strategies to solve complex mathematical and non-mathematical 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• begin to critically evaluate methods, arguments, results and the assumptions made
6	<p>To achieve a Grade 6 candidates will be able to:</p> <ul style="list-style-type: none">• Perform more complex routine single- and multi-step procedures effectively by recalling, applying and interpreting notation, terminology, facts, definitions and formulae• interpret and communicate information effectively



	<ul style="list-style-type: none"> • make deductions, inferences and draw conclusions • construct chains of reasoning, including arguments • generate efficient strategies to solve mathematical and non-mathematical problems by translating them into mathematical processes, and begin to develop mathematical fluency. • interpret results in the context of the given problem • Start to critically evaluate methods and results
5	<p>To achieve a Grade 5 candidates will be able to:</p> <ul style="list-style-type: none"> • perform routine single- and multi-step procedures effectively by recalling, applying and interpreting notation, terminology, facts, definitions and formulae • interpret and communicate information effectively • make deductions, inferences and draw conclusions • construct chains of reasoning, including arguments • generate strategies to solve mathematical and non-mathematical problems by translating them into mathematical processes, realising connections between different parts of mathematics • interpret results in the context of the given problem • evaluate methods and results
4	<p>To achieve a Grade 4 candidates will be able to:</p> <ul style="list-style-type: none"> • perform routine single-step procedures effectively by recalling, and interpreting notation, terminology, facts, definitions and formulae • interpret and communicate information • make simple deductions, inferences and draw conclusions • construct some chains of reasoning, including arguments • begin to interpret results in the context of the given problem
3	<p>To achieve a Grade 3 candidates will be able to:</p> <ul style="list-style-type: none"> • recall and use notation, terminology, facts and definitions; perform routine procedures, including multi-step procedures • interpret and communicate basic information; make deductions and use reasoning to obtain results • solve problems by translating mathematical and non-mathematical problems into mathematical processes • provide some evaluation of methods or results • interpret results in the context of the given problem
2	<p>To achieve a Grade 2 candidates will be able to:</p> <ul style="list-style-type: none"> • 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 non-mathematical problems into mathematical processes

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	<ul style="list-style-type: none">• provide basic evaluation of methods or results• interpret results in the context of the given problem
1	<p>To achieve a Grade 1 candidates will be able to:</p> <ul style="list-style-type: none">• Use basic mathematical notation.• Recall names of common shape.• Provide some basic evaluation of methods or results• Interpret some results in the context of a given problem.• Perform simple mathematical calculations.