

GCSE Computer Science Performance Profile

Grade	Descriptors
9	To achieve grade 9, students' evidence will show that they have securely met all the statements within the grade 8 descriptor, with stronger performance in most or all aspects of the grade 8 statements.
8	To achieve grade 8, candidates will be able to: <ul style="list-style-type: none"> demonstrate relevant and comprehensive knowledge and understanding of fundamental concepts and principles including digital systems and societal impacts effectively apply fundamental concepts, principles and mathematical skills, using sustained analytical, logical and evaluative computational thinking, to a wide range of problems develop and refine a solution that meets the requirements of a substantial problem.
7	To achieve grade 7, students' evidence will show that they have securely met all the statements within the grade 6 descriptor, with stronger performance in most or all aspects of the grade 6 statements. However, their evidence does not meet the minimum requirements of most of the grade 8 statements.
6	To achieve grade 6, candidates will be able to: <ul style="list-style-type: none"> demonstrate accurate and appropriate knowledge and understanding of fundamental concepts and principles including digital systems and societal impacts consistently apply fundamental concepts, principles and mathematical skills, using analytical, logical and evaluative computational thinking, to a range of problems produce a solution that meets all requirements of a substantial problem.
5	To achieve grade 5, candidates will be able to: <ul style="list-style-type: none"> demonstrate mostly accurate and appropriate knowledge and understanding of fundamental concepts and principles including digital systems and societal impacts appropriately apply fundamental concepts, principles and mathematical skills, using analytical, logical and evaluative computational thinking, to a range of problems produce a solution that meets most requirements of a substantial problem.
4	To achieve grade 4, candidates will be able to: <ul style="list-style-type: none"> demonstrate some accurate and appropriate knowledge and understanding of fundamental concepts and principles including digital systems and societal impacts apply some fundamental concepts, principles and mathematical skills, using analytical, logical and evaluative computational thinking, to a range of problems produce a solution that meets some requirements of a substantial problem.
3	Characteristics that differentiate a grade 3 from a grade 4: <ul style="list-style-type: none"> demonstrate some knowledge and understanding of fundamental concepts and principles including digital systems and societal impacts. This is not always accurate or appropriate. apply some fundamental concepts, principles and mathematical skills, using analytical, logical and evaluative computational thinking, to a range of problems with some success. Candidates are likely to produce a working solution which meets a few requirements. Or a solution which meets some requirements, but may have some errors.
2	To achieve grade 2, candidates will be able to: <ul style="list-style-type: none"> demonstrate limited knowledge and understanding of fundamental concepts and principles including digital systems and societal impacts apply fundamental concepts, principles and mathematical skills, using basic analytical and logical computational thinking, to problems with limited accuracy produce a partial solution that meets some requirements of a substantial problem.

To achieve a grade 1, students' evidence will show that they have demonstrated engagement with sufficient content, achieved some credit across elements of the specification content and achieved credit in some assessment objectives. Where the evidence for a student does not support this, the student should be graded unclassified (U).