

## CRITERION C: MARKING GUIDE

Marks	Description
0	The response does not reach a standard described by the descriptors below.
1-4	The use of techniques demonstrates a low level of complexity and ingenuity or does not address the scenario identified in criterion A. It is characterized by limited use of existing tools. There is no explanation of why the techniques are used or how they are adequate for the task. Sources are used but are not identified.
5-8	The use of techniques demonstrates a moderate level of complexity and ingenuity in addressing the scenario identified in criterion A. It is characterized by some appropriate use of existing tools. There is some attempt to explain the techniques used and why they are adequate for the task. All sources are identified.
9-12	The use of techniques demonstrates a high level of complexity and ingenuity in addressing the scenario identified in criterion A. It is characterized by the appropriate use of existing tools. The techniques are adequate for the task and their use is explained. All sources are identified.

The table makes reference to "complexity and ingenuity". What happens when a student performs highly in one, but not in the other? The following is a supplemental table produced by the IB to illustrate the balance struck:

		Complexity		
		High	Moderate	Low
Ingenuity	High	9-12	7-10	5-8
	Moderate	7-10	5-8	3-6
	Low	5-8	3-6	1-4

Within the range is decided by:

- Completeness of listed techniques
- Completeness of evidence of algorithmic thinking
- Completeness and detail of development documentation
- Quality of explanations including screenshots
- Inclusion of references where appropriate