

Commentary on candidate 5 evidence

The candidate evidence used in this workshop has achieved the following marks for each section of the coursework assessment task.

This was a challenging assignment to mark as some of the techniques were far too demanding and the candidate has become confused as to what they were trying to achieve.

Section	Marks available	Marks awarded		Comments
1 Aim	1	1		The candidate was awarded 1 mark because the purpose of the investigation was clearly to examine the link between PH and species 'richness' in two different bodies of water.
2 Underlying environmental science	3	1		The candidate was awarded 1 mark because the only appropriate reference was where the candidate correctly explained that species can only thrive within a particular PH range.
3 Data collection and handling	6	a	0	The candidate was awarded 0 marks. Methods for measuring species were not the same at each site and no method was provided for measuring PH.
		b	1	The candidate was awarded 1 mark, as the data provided was sufficient.
		c	0	The candidate was awarded 0 marks. PH was incorporated into another table, and the table had no heading.
		d	0	The candidate was awarded 0 marks as no mean value is provided.
		e	1	The candidate was awarded 1 mark, as the source is relevant.
		f	0	The candidate was awarded 0 marks. A full URL was not provided for the website.
4 Graphical presentation	4	a	1	The candidate was awarded 1 mark.

		b	1	The candidate was awarded 1 mark. The y-axis does not have to start at '0'.
		c	1	The candidate was awarded 1 mark. The y-axis should be 'PH of water'; x-axis should be 'sample points'.
		d	0	The candidate was awarded 0 marks. PH values for the water of Leith do not match the information in the table.
5 Analysis	1	0		The candidate was awarded 0 marks because it just might be possible from looking at the results that PH could be a factor in the water of Leith.
6 Conclusion	1	1		The candidate was awarded 1 mark because the conclusion met the minimum requirement.
7 Evaluation	2	1		The candidate was awarded 1 mark for reliability, but as sampling methods in each site were different, the results cannot be compared.
8 Structure	2	a	1	The candidate was awarded 1 mark.
		b	1	The candidate was awarded 1 mark.
Total	20	11		