# Criterion D: Reflecting on the impacts of science

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| **Achievement level** | **Level descriptor** |
| 0 | The student **does not** reach a standard indicated by any of the descriptors below |
| 1-2 | The student is able to:   1. **Outline** the ways in which science is used to address a specific problem or issue 2. **Outline** the implications of using science to solve a specific problem or issue, interacting with a factor 3. **Apply** scientific language to communicate understanding but does so **with limited success** 4. Document sources, **with limited success** |
| 3-4 | The student is able to:   1. **Summarize** the ways in which science is used to address a specific problem or issue 2. **Describe** the implications of using science to solve a specific problem or issue, interacting with a factor 3. **Sometimes apply** scientific language to communicate understanding 4. **Sometimes** document sources correctly |
| 5-6 | The student is able to:   1. **Describe** the ways in which science is used to address a specific problem or issue 2. **Discuss** the implications of using science to solve a specific problem or issue, interacting with a factor 3. **Usually apply** scientific language to communicate understanding 4. **Usually** document sources correctly |
| 7-8 | The student is able to:   1. **Explain** the ways in which science is used to address a specific problem or issue 2. **Discuss and evaluate** the implications of using science to solve a specific problem or issue, interacting with a factor 3. **Consistently apply** scientific language to communicate understanding **clearly and precisely** 4. Document sources **completely** |