**Deforestation Webquest**

<http://www.livescience.com/27692-deforestation.html>

1. What is deforestation?
2. Which of the statistics given is most interesting to you? Why?
3. How does deforestation impact global climate change?

<http://www.greenpeace.org/usa/en/campaigns/forests/solutions-to-deforestation/>

1. According to Green Peace, what are the major drivers of deforestation?
2. Which of these drivers do you suppose has the biggest impact? Why?
3. How can the issue of deforestation be solved according to Green Peace?
4. What can individuals do to protect the rainforests?

<http://www.worldwildlife.org/threats/deforestation>

1. According to the WWF, what are the major causes of deforestation?
2. What impacts does deforestation have on the environment?
3. What are the four key areas the WWF is concentrating on to combat deforestation?

What are your views on deforestation? [300 words]

Make a poster to create awareness on the issue of deforestation.

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| **Criterion D: Reflecting on the impacts of science** |

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| **Level** | **MYP descriptor - Year 3** | **Demonstrated When** |
| **0** | The student does not reach a standard described by any of the descriptors below. | The student does not reach a standard described by any of the descriptors below. |
| **1-2** | The student is able to:  i. state the ways in which science is used to address a specific problem or issue  ii. state the implications of the use of science to solve a specific problem or issue, interacting with a factor  iii. apply scientific language to communicate understanding but does so with limited success  iv. document sources, with limited success | 1. You define deforestation and **outline** the issue related to them 2. You **outline** the implications of deforestation and how understanding them can help make suitable choices 3. You **apply** key basic scientific terms some of the time 4. You have attempted to **document** sources using MLA fo 5. rmat |
| **3-4** | The student is able to:  i. outline the ways in which science is used to address a specific problem or issue  ii. outline the implications of using science to solve a specific problem or issue, interacting with a factor  iii. sometimes apply scientific language to communicate understanding  iv. sometimes document sources correctly | 1. You state the issue related to deforestation 2. You **describe** the implications of deforestation and how understanding them can help make suitable choices 3. You **apply** relevant key scientific terms correctly on most occasions 4. You have **documented** most sources correctly, but not all are in MLA format |
| **5-6** | The student is able to:  i. summarize the ways in which science is applied and used to address a specific problem or issue ii. describe the implications of using science and its application to solve a specific problem or issue, interacting with a factor  iii. usually apply scientific language to communicate understanding clearly and precisely  iv. usually document sources correctly | 1. You **describe** deforestation andthe issue related to it 2. You **discuss** the implications of deforestation and how understanding them can help make suitable choices 3. You **apply** key scientific terms (words) in clear sentences on most occasions 4. You have **documented** all sources in MLA format with few formatting errors |
| **7-8** | The student is able to:  i. describe the ways in which science is applied and used to address a specific problem or issue ii. discuss and analyze the implications of using science and its application to solve a specific problem or issue, interacting with a factor  iii. consistently apply scientific language to communicate understanding clearly and precisely iv. document sources completely | 1. You **describe** deforestation andthe issue related to it 2. You **discuss** and **evaluate** the implications of deforestation and how understanding them can help make suitable choices 3. You **consistently apply** key terms in clear sentences consistently. 4. You have documentedall sources **completely** in MLA format. |

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