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Examine an Earth and Space Science issue ….. **Elton vs Elon**

*AS 91188 L2 4cr*

**Your tasks:**

Ref <https://bloomscool.weebly.com/astronomy-issue.html>

Do go and have a very thorough look at this, it will guide you thru what is needed

Part 1

**Select and process** relevant ESS information that provides a comprehensive coverage of the issue of… **going to Mars, a good idea?**

*This research stuff needs to be kept in your class OneNote.*

Part 2

Use the information you collect to **write a report…..** an explanation and evaluation of the Earth and Space Science information that is presented to the public.

Your report should:

**Explain the issue** giving detailed scientific explanations of the issue … for example you could think about going to Mars:

* Who and why (people going to Mars)
* How will getting there be achieved
* How will living there be achieved

**Evaluate the validity** of the information you found, giving reasons. This means comment on the accuracy and bias of the information you used / found (is it slanted or skewed?)

**Justify your position** on the issue. This means write a statement that outlines your position on the issue and information presented. In your statement you should explain why you have this position (or view) based on scientific information that you have researched.

*The report writing will be done after we have completed the research*

Assessment schedule: 91188 Should we go to Mars?

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| --- | --- | --- |
| Evidence/Judgements for Achievement | Evidence/Judgements for Achievement with Merit | Evidence/Judgements for Achievement with Excellence |
| The **notebook** and report demonstrate that the student has selected and processed (e.g. sorted, highlighted, taken notes from) information from at least two sources.  The student’s **report** **describes** the scientific issue.  Ie who, why, how  **And**  Describes the validity and/or bias of the information  **And**  Describes their own position, related to the information. | The **notebook** and report demonstrate that the student has selected and processed (e.g. sorted, highlighted, taken notes from) information from at least two sources.  The student’s **report provides an explanation** of the scientific issue.  Ie who, why, how  *as for A*  **And**  Explains their position related to the information. | The **noteboo**k and report demonstrate that the student has selected and processed (e.g. sorted, highlighted, taken notes from) information from at least two sources.  *as for M*  **And**  Justifies their position related to the information. |

Final grades will be decided using professional judgement based on a holistic examination of the evidence provided against the criteria in the Achievement Standard.