



Mountains Review

Greece-Anatolia High School

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Pros and cons - Reporter

Pros	Cons
<ul style="list-style-type: none">● Proposed the highest mountains in our solar system● Studied and evaluated how we measure the height on different planets	<ul style="list-style-type: none">● Did not find a theoretical model that corresponds to the problem● Did not examined how the material of the mountain affects the height● Not fully investigated how mantle and lithosphere affected mountain's height● Did not mention the differences between earth's crust with crust of other planets● Did not explained how a mountain can be formed● Missing parts of the experiment like the light source's distance from the mountain

Pros and cons - Opponent

Pros	Cons
<ul style="list-style-type: none">• Asked clear questions.• Defended his claims sufficiently.	<ul style="list-style-type: none">• He didn't examine the theory much and overly focused on the experiment• He asked too many questions, leading to no clear conclusion on the reporter.



Conclusions

Examined the highest mountains of the solar system and examined ways we can measure the height of a mountain. Some factors were not investigated such as material and dimensions of the base



Recommendations

- Investigate more about the material and the base of the mountain.
- Explain how mountains can be formed.
- Find the differences between mountains at Earth and other planets.

Thank you for your attention!



Discussion

- What would be the properties of the ideal material that the mountain would be consisted?
- What is the maximum pressure of the material that typically form mountains on Earth?
- Which is the most efficient way to crate a high mountain?
- Why mountain Everest can not have the height of Mauna Kea?
- How does Isostasy affect mountain's height?
- How porous materials work as a material of a mountain?
- Do you think that moisture and temperature affect the height? Why?
- How do you think the dimensions of the base affect the maximum altitude?
- How high can a mountain be ;