Name _____

Unveiling the Cosmos: How Space Exploration Drives Scientific Progress

Open-Ended Response Questions

1. Can you think of any specific examples where space exploration technologies have had a significant impact on everyday life or specific industries on Earth? Explain your answer.

2. Discuss the importance of space-based instruments and satellites in addressing global challenges such as climate change and natural disasters. Provide examples of how these technologies are used.

3. Imagine you are a young student who has been inspired by space exploration. How might this inspiration shape your future career aspirations in STEM fields? Explain your thoughts.

4. In your opinion, what is the most exciting recent discovery or achievement in space exploration, and how do you think it could benefit humanity? Provide your insights.

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