

NOVA: To The Moon

Geology/Earth Science

Mr. Traeger

Name: _____ Period: _____ Date: _____

1. What is the surface of the moon like? Describe its appearance.
2. Where did all of the craters on the moon come from?
3. What was the cost, both monetary and human, of the quest to land on the moon?
4. What were the ages of the moon rocks returned to Earth?
5. What type of rocks was found on the moon?
6. What would the finding of volcanic breccia on the moon indicate?
7. How does the moon tell us about our own geologic history?
8. What happened during the Apollo 13 mission?
9. What would an extra trip around the moon do for the Apollo 13 craft to get it back to Earth?

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10. What happens when a spacecraft comes into the Earth's atmosphere at too shallow an angle?

11. What happens when a spacecraft comes into the Earth's atmosphere at too steep an angle?

12. What happened to human desire to go to the moon once we beat the Russians to go there?

13. Why is the dark side of the moon always dark?

14. What has happened to the surface of the moon throughout geologic time?

15. What is anorthosite? What could it tell us about the moon?

16. What does the age and chemistry of the moon tell us about the moon's similarities to Earth?

17. What does the moon do for the earth in terms of gravitation?

18. Why are astronauts able to jump so high on the moon?

19. How did an effort born of political conflict turn into a positive endeavor?

20. What might cause us to go back to the moon again?