

<b>History Channel's Universe: The Inner Planets Mercury and Venus</b> Geology <span style="float: right;">Mr. Traeger</span>
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Name: \_\_\_\_\_ Period: \_\_\_\_\_ Date: \_\_\_\_\_

1. What is different about Venus's rotation compared to Earth?
2. What makes Venus so hot? How hot is it?
3. What produces the greenhouse gases on Venus?
4. How much thicker is Venus's atmosphere compared to Earth? How does this affect lightning striking the ground?
5. Why does Venus appear so bright when seen from Earth?
6. What are the clouds of Venus made of?
7. What type of rock covers the surface of Venus?
8. What does the name Venus refer to in Roman Mythology?
9. What happened to the interior activity of Mercury?
10. What does the name Mercury refer to in Roman Mythology?
11. What makes a year (88 Earth days) on Mercury shorter than a day (180 Earth days) on Mercury?
12. What are the temperature extremes on Mercury? High and Low?
13. Why is there no atmosphere on Mercury?
14. Why is it possible to have ice on Mercury?
15. Where could the water on Mercury come from?
16. What is the first most common geologic process on Mercury? What is the second most common?
17. Why do volcanoes spew lava so high in the air on Mercury?