

Team Name: \_\_\_\_\_ KEY \_\_\_\_\_ Team Number: \_\_\_\_\_ KEY \_\_\_\_\_

- 1) \_\_\_Southern (Planum Australe)\_\_\_\_\_
- 2) \_\_\_Less\_\_\_\_\_
- 3) \_\_\_Spring\_\_\_\_\_
- 4) \_\_\_Geyser\_\_\_\_\_
- 5) \_\_\_The geysers are made mostly of CO<sub>2</sub>, not H<sub>2</sub>O\_\_\_\_\_
- 6) \_\_\_Gullies\_\_\_\_\_
- 7) \_\_\_Crater\_\_\_\_\_
- 8) \_\_\_Liquid flowing down the crater wall\_\_\_\_\_
- 9) \_\_\_Enceladus\_\_\_\_\_
- 10) \_\_\_Plumes\_\_\_\_\_
- 11) \_\_\_Tides from Saturn\_\_\_\_\_
- 12) \_\_\_Titan\_\_\_\_\_
- 13) \_\_\_There is a subsurface reservoir of water\_\_\_\_\_
- 14) \_\_\_Methane (CH<sub>4</sub>)\_\_\_\_\_
- 15) \_\_\_Dawn\_\_\_\_\_
- 16) \_\_\_Vesta\_\_\_\_\_
- 17) \_\_\_2 – 2.5\_\_ grams/cm<sup>3</sup>
- 18) \_\_\_B\_\_\_\_\_
- 19) \_\_\_Below\_\_\_\_\_
- 20) \_\_\_Oort Cloud\_\_\_\_\_
- 21) \_\_\_No\_\_\_\_\_
- 22) \_\_\_Eris\_\_\_\_\_
- 23) \_\_\_Through periodic variations in its brightness\_\_\_\_\_
- 24) \_\_\_Deep Impact\_\_\_\_\_
- 25) \_\_\_OSIRIS-Rex\_\_\_\_\_
- 26) \_\_\_Conamara Chaos\_\_\_\_\_

- 27) \_\_\_Movement of water in subsurface ocean\_\_\_\_\_
- 28) \_\_\_Galileo\_\_\_\_\_
- 29) \_\_\_Cycloids\_\_\_\_\_
- 30) \_\_\_Tidal stress from subsurface ocean\_\_\_\_\_
- 31) \_\_\_Composite Infrared Spectrometer (CIRS)\_\_\_\_\_
- 32) \_\_\_Longer\_\_\_\_\_
- 33) \_\_\_Tiger stripes\_\_\_\_\_
- 34) \_\_\_Geysers\_\_\_\_\_
- 35) \_\_\_Water (H<sub>2</sub>O)\_\_\_\_\_
- 36) \_\_\_Mars Odyssey\_\_\_\_\_
- 37) \_\_\_Hydrogen\_\_\_\_\_
- 38) \_\_\_Habitable Zone\_\_\_\_\_
- 39) \_\_\_They are within the range for life to potentially form
- 40) \_\_\_False\_\_\_\_\_
- 41) \_\_\_Snow OR frost line
- 42) \_\_\_C\_\_\_\_\_
- 43) \_\_\_G\_\_\_\_\_
- 44) \_\_\_A\_\_\_\_\_
- 45) \_\_\_B\_\_\_\_\_
- 46) \_\_\_H\_\_\_\_\_
- 47) \_\_\_L\_\_\_\_\_
- 48) \_\_\_J\_\_\_\_\_
- 49) \_\_\_F\_\_\_\_\_
- 50) \_\_\_M\_\_\_\_\_

Number - Number = any value between the two numbers is acceptable (scientific notation okay and even encouraged)

If no dash, only that value is acceptable.

### Scoring:

Each question is worth 1 point

If students gets part of the question right (if there are 2 or 3 parts), give credit accordingly- ½ right gets ½ point, 1/3 right gets 1/3 point, etc.

### Key:

OR = either one is okay