

- Choose the most appropriate term for the study of what is in space beyond Earth.
 - ☒ astronomy
 - astrology
 - spaceology
 - spectroscopy
- A constellation is a group of stars that:
 - are located near each other in space
 - ☒ form a picture or pattern
 - seem to be moving closer and closer together
 - is always seen in the same part of the sky
- Which of the following is true of the outer planets?
 - small in size
 - hot in temperature
 - have little to no moons orbiting them
 - ☒ known as the gas giants
- The inner planets are Mercury, Venus, Earth and Mars.
 - ☒ True
 - False
- Astronauts in Earth's orbit are protected from radiation by wearing highly developed space suits.
 - ☒ True
 - False

6. What 3 things has Canada contributed to the space program?

- Canadarm and Canadarm 2
- Dextre
- Mobile Base System

7. Describe three differences between planets and stars.

| | Planets | Stars |
|---|-------------------|-------------------------|
| 1 | closer | far |
| 2 | reflects light | gives off its own light |
| 3 | cool or very cold | very hot |

smaller

larger

8. Why is space a dangerous place? Give two reasons.

no oxygen

flying debris

no atmosphere