**Science**

**Mars: The Red Planet**

1. Mars is named after the **Roman** god of **war**.
2. Mars gets enough sunlight to use solar power and there is a little water in the soil on Mars.
3. Mars has two moons named Phobos and Deimos.
4. A day on Mars is called a “sol” and it is 24 hours and 37 minutes long.
5. “Operational” or “active”
6. (a) Venus is so hot that lead would melt on its surface = true, Mars has a diameter of 6,793km = false, a day on Mars is slightly shorter than a day on Earth = false
7. Mars has a diameter of 6,779km.

A day on Mars is 37 minutes longer than a day on Earth.

1. (a) Earth has the highest possible temperature, it’s 58 degrees Celsius.

(b) Mars has the lowest possible temperature, it’s -140 degrees Celsius.

1. Venus is closer to Earth than Mars so it seems odd that NASA would travel to Mars first because Mars is not the closest planet to Earth.
2. Personal answers, such as: I would call the section “Curiosity” as it is the name of the rover that the section is talking about but the section also describes the things that humans are curious to find out about, so it links human curiosity too.
3. Personal answers, such as:
* Easier to read
* Easier to find quickly
* More interesting to look at