

While I Was Out

Date: 01/25/19

Class: 6th grade

Do Now: None

Class Assignments:

Made a booklet to begin our Space Booklet.

Page 5 - Mars

Page 4 - Jupiter

Facts ♂

MARS

- named after the Roman God of war; "Red Planet" because it is covered with rust-like dust.
- 4th planet from the sun
- 2nd smallest planet • Has 2 moons.
- Red tint; mineral called iron oxide
- many massive volcanoes and is home to Olympus Mons, largest volcano in our solar system. It stands 21 km high (13 miles) and 600 km across the base (372 miles)
- has seasons; longer bc Mars is farther away from sun.
- violent dust storms, continually change its surface
- thin atmosphere mostly CO₂. Not thick enough to trap sun's heat - very cold. -130°C on winter night and 35°C on summer nights.

(77°F)

1. Because Mars has rust-like dust it is also known as?
Mars is also known as the "Red Planet!"
2. What is Mars atmosphere mostly made up of?
Mars atmosphere is mostly made up of carbon dioxide (CO₂)
3. Name the mineral that causes Mars to have an ever present red tint.
The mineral that causes Mars ever present tint is called iron oxide.
4. What is the name of the Solar System largest volcano?
The Solar System's largest volcano is called Olympus Mons.
5. Why do seasons last longer on Mars?
Seasons last longer on Mars because it is farther from the sun.
6. Mars is the _____ smallest planet in the Solar System.
Circle your answer.
a. second b. first

Facts

21

JUPITER

- after ancient Roman sky-god, Jupiter, known to the Greeks as Zeus.
- 5th planet from sun • largest planet; more than 1300 Earths could fit in it
- 63 moons; first 4 largest moons are called Galilean moons.
- Stormiest planet; permanent but ever-changing whirlpool of storms - Great Red Spot (telescope)
- The Red Spot was first seen in 1664 by Robert Hooke
- 1st of gas giants: Jupiter, Saturn, Uranus, Neptune
- made up of Hydrogen (H), Helium (He), methane (CH₄) and ammonia (NH₃). The cloudy sphere has bright belts on it which change their shape.
- If you were to descend into Jupiter, the thin, cold atmosphere becomes thicker; hotter gradually turning into a thick dark fog.

Facts

21

JUPITER

1. Jupiter was named after the ancient roman sky-god.

Missed: Quiz -
 Test -

Announcements:

- Please make sure that all assignments are turned in on time in order to get your highest grade.
- **REMINDER: Study logs are to be completed nightly and turned in on Fridays.**
- **Space Unit homework due on 1/25/19**
- **Solar System Model Project due on Feb. 5th 2019**

