

While I Was Out

Date: 01/23/19

Class: 6th grade

Do Now: None

Class Assignments:

Made a booklet to begin our Space Booklet.

Page 1 - Sun

Page 2 - Mercury

SUN

STAR

- formed about 4.6 billion years ago
- hot ball of gas composed mostly of Hydrogen (H) and Helium (He)
- Without the Sun → NO LIFE ON EARTH
- spherical body: layered atmosphere; interior composed of layers.
- Energy is produced in the core; transported to the surface through radiative zone; the convective zone.
- Sun's 3 atmosphere layers:
 - 1) photosphere
 - surface energy escapes from here
 - 2) chromosphere
 - middle
 - its temperature rises with distance from photosphere
 - 3) corona
 - outer
 - extends millions of kilometers into space

• 10,000°F @ surface
• 27 million °F @ the core

• Sun's heat influences the environments of all the planets.

MERCURY

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Facts

- Small planet which orbits closer to the sun than any other planet.
- NO moons
- VERY HOT; features a barren, crater covered surface
- daytime temp. over 400 °C (752 °F)
- night temp. dropping to -180 °C (-292 °F)
- very low surface gravity
- No atmosphere: no wind or weather
- No water or air

1. How many moons does Mercury have?
Mercury has no moons.

2. Why was the planet Mercury named after the Roman god?
The planet was named after the Roman god since it moves quickly across the sky.

3. Mercury's surface looks similar to what moon?
It looks similar to Earth's moon.

4. What is Mercury's temperature at night?
-180°C or -292°F

5. Why is there no weather or wind in Mercury?
Mercury has no atmosphere.

6. What is Mercury's temperature during daytime?
400°C (752°F)

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**

