

Name _____ *Key* _____ Period _____ Date _____

Earth and Its Neighbors Review

Answer the following questions on a separate piece of paper. Staple these questions to your answer document.

1. Moon

- What does the moon revolve around?
earth
- How long does it take to revolve?
about 1 month
- How does the moon affect weight?
causes objects to weigh less
- How does the moon affect mass?
it does NOT affect mass
- Why are there so many craters on the moon?
moon does not experience weathering and erosion; moon has no atmosphere
- What are some characteristics the Earth has that the moon does not?
liquid water, atmosphere, some landforms, plants + animals
- Why is the moon so bright in the night sky?
it reflects the sun's light

2. Earth

- What causes day and night on Earth?
the rotating of Earth on its axis
- Why do the stars change position in the night sky?
the revolution of Earth around the sun
- What causes the seasons to change (extra brain power required!)?
The revolution of Earth and the tilt of Earth's axis.

3. Solar System

- What is the correct order of the planets starting with the planet closest to the sun?
Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune
- What is the composition of the sun?
gas- helium and hydrogen
- What are sun spots?
dimmer, cooler spots on the sun's surface
- How many stars are in our solar system?
ONE
- Why are stars in the night sky so much smaller than our star?
they are further away

- 4. Water Cycle- know the parts of and definitions of the water cycle
Evaporation, Condensation, Precipitation, Runoff / collection
- 5. What is the difference between weather and climate?
Weather is a day to day description and climate is average
- 6. Give examples of descriptions of climate and weather.
Climate: average precipitation Weather: 2.5 inches of rain today
- 7. Describe what kind of weather conditions are associated with a cold

front and those associated with a warm front.
cold front: clouds, heavy precipitation, cold temperatures
warm front: clouds, light precipitation, warmer temperatures

On the back of this review, draw a "bird's eye view" of the Sun, Earth, and Moon. Include dotted lines to show revolution and arrows to show rotation. Label your lines and arrows with time in hours and/or days.

