

Name: _____ Date: _____

Class: _____ Teacher: _____

THE MOON - Earth Science Assignment

Directions: This assignment requires online access for completion.

Six linked websites appear through the assignment. Their names are bold and capitalized.

Open each website and, based on your reading of each page, answer the question or questions that relate to each site.

Write your responses in complete sentences basing your answers on your readings and place all answers on the blanks provided.

MOON'S ORBIT

1. How many days does it take the moon to make one complete revolution around the Earth? _____

MOON PHASES

2. Explain the difference between WAXING and WANING phases. _____

3. Look at the "Moon Phases" towards the left of the page. When a moon is in the WAXING stages, is the light on the right or left for an observer on Earth?

Geoteach.com

TIDE SCIENCE

4. What causes tides? _____

5. What is the difference between *spring tides* and *neap tides*? Mention the positions of the Sun, Moon and Earth in your answer. _____

Geoteach.com

LUNAR ECLIPSE

6. What causes a lunar eclipse to occur? _____

SOLAR ECLIPSE

7. Explain how solar eclipses occur. _____

PATTERNS OF SOLAR ECLIPSES

8. Is the Moon's Orbit circular? If you wrote that the orbit is not circular then what shape is the Moon's Orbit? _____

9. Explain why a solar eclipse does not occur every month even though there is a New Moon phase each month. _____

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