

Nicole Janell and Ryley Carleton  
Assignment 1: Lesson Plan

Sites :

1. <https://games.legendsoflearning.com/games/WyJnYW1lcylsODI4XQ==> ( our interactive website, free to sign up kind of a review game)
  - **Unit Topic or Theme: Solar System**
  - **Grade: 5th or 6th grade**
  - **Lesson Topic or Theme:** Review of the moon
  - **Lesson Objectives:**
    - Students will be able to use this interactive website to review facts about the moon that were addressed in class
    - Students will be able to identify and name the different moon phases
  - **Instructional Materials:**
    - Website:  
<https://games.legendsoflearning.com/games/WyJnYW1lcylsODI4XQ==>
    - **Moon Phase Worksheet:** The worksheet where the students will draw and name the phases of the moon
    - **Review Handout:** questions that will be completed while they are playing the game
  - **Procedure:**

#### A. Introductory Activity

- The students will work on the **Moon Phase Worksheet** (give students 10-15 minutes to complete, can work in small groups or pairs to complete)
- The students will identify, name, and shade in the different phases of the moon
- The teacher will lead a review of the worksheet as a class after the given time

#### B. Step-by-step (descriptive outline)

- The teacher will pre-bookmark the **Legends of Learning** website on the students device, students will have already made their accounts
- The teacher will hand out the **review handout** before students start their review

- The students will start the review game and answer questions along the way. Working independently. (20-25 minutes to complete game)
- The teacher will walk around and monitor the students and be available to help and answer questions.

### C. Closure

- The teacher will lead the class in going over the answers to the **review sheet**.
  - ❖ The students will take a different colored marker, pencil, crayon, ect and will self-grade the **review sheet** as the class goes over the answers.
  - ❖ After the class has finished self-grading, leave time for questions
- **Evaluation:**

#### A. How/ when will you determine if you have met your objectives?

##### **Objective One: Students will be able to use this interactive website to review facts about the moon that were addressed in class**

- The teacher will know if the students have met objectives if the students have ease in answering the review questions from the interactive website.
- The teacher will collect self-graded review sheets and record how well the students did on the review. If students did well on review, they understand the important concepts of the unit.

##### **Objective Two: Students will be able to identify and name the different moon phases**

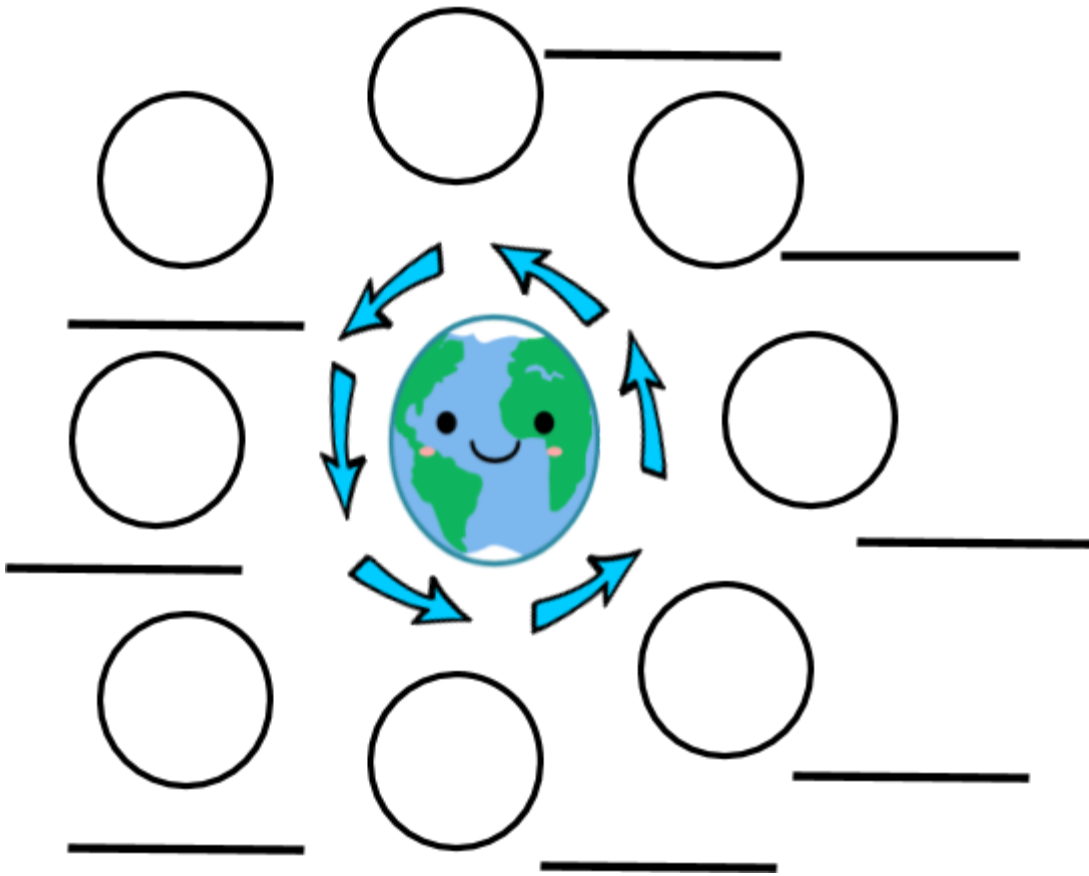
- The teacher will know if they met their objective if the students can properly name the phases of the moon and draw them as well.

Name: \_\_\_\_\_

# Phases of The Moon

The Earth's moon is a sphere that revolves around our planet. At times, our sun's rays shine onto the moon causing it to appear bright. Other times, our Earth blocks the sun's rays and causes a shadow on the moon, making it seem smaller, and a different shape.

**Directions:** Draw each moon phase and label its name with regard to the position of the sun.



Name: \_\_\_\_\_

Date: \_\_\_/\_\_\_/\_\_\_

## Review Worksheet: Legends of Learning



1. The Earth and the Moon orbit together. (circle one)

True

False

2. How many Moon phases are there?

A. 12

B. 8

C. 6

D. 10

3. When would the Moon be "invisible" to the earth?

A. Waxing Gibbous

B. Quarter Moon

C. New Moon

D. Full Moon

4. What percent on the Moon is visible from Earth?

A. 59%

B. 40%

C. 103%

D. 68%

5. After what phase would you predict a Full Moon?

A. Waxing Gibbous

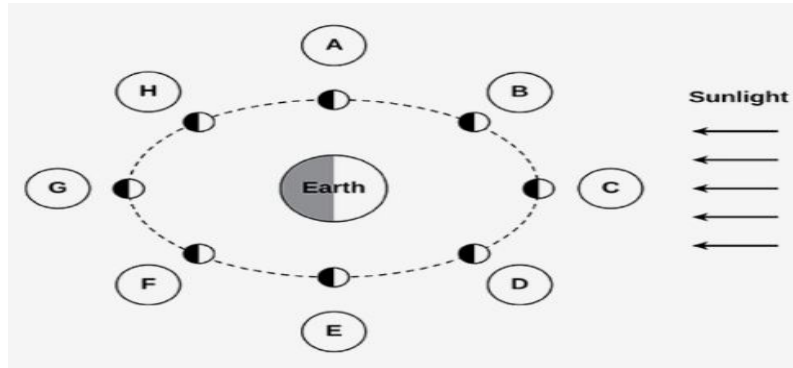
B. Quarter Moon

C. New Moon

D. Full Moon

6. What would represent the last quarter Moon?

- A. C
- B. E
- C. G
- D. H



7. Where does the Moon's light come from?

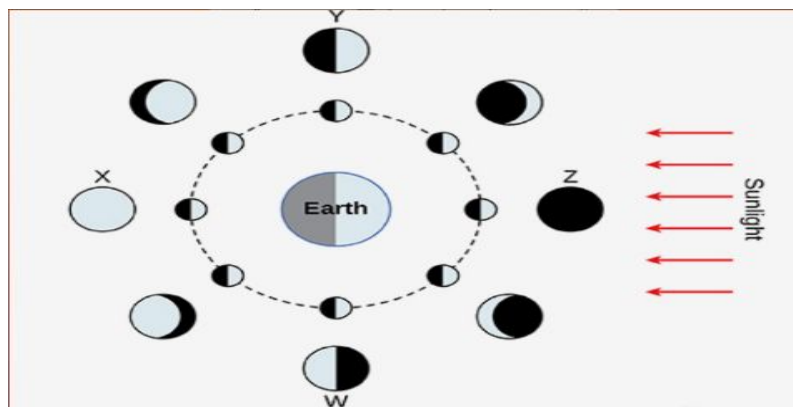
- A. The Moon
- B. Earth
- C. The Stars
- D. The Sun

8. How many days does it take for the Moon to complete one full cycle?

- A. 29.5 Days
- B. 15.5 Days
- C. 12 days
- D. 31 Days

9. Which represents a new moon?

- A. W
- B. X
- C. Y
- D. Z



10. If a Full Moon occurs twice in one calendar month, what is the second one called?

- A. Big Moon
- B. Moon Two
- C. Blue Moon
- D. Cow Moon

11. The Earth revolves around the Moon. (Circle one)

True

False

12. Which is the dark side of the Moon?

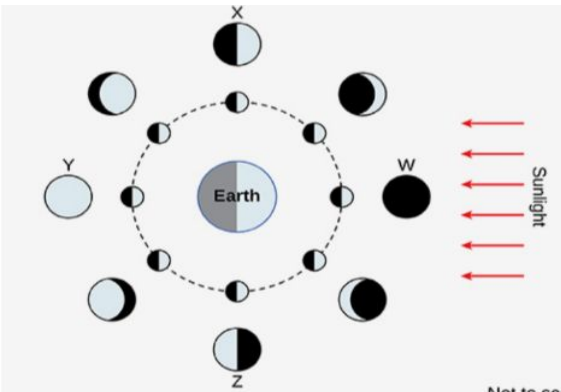
A. The South Side

B. The Bottom

C. The Top

D. No Dark Side

13. How many days does it take the Moon to move from position W to position Y?



A. 5

B. 10

C. 15

D. 20

14. Are you ready to take a test next class on this information?

A. I'm ready to rock this test!



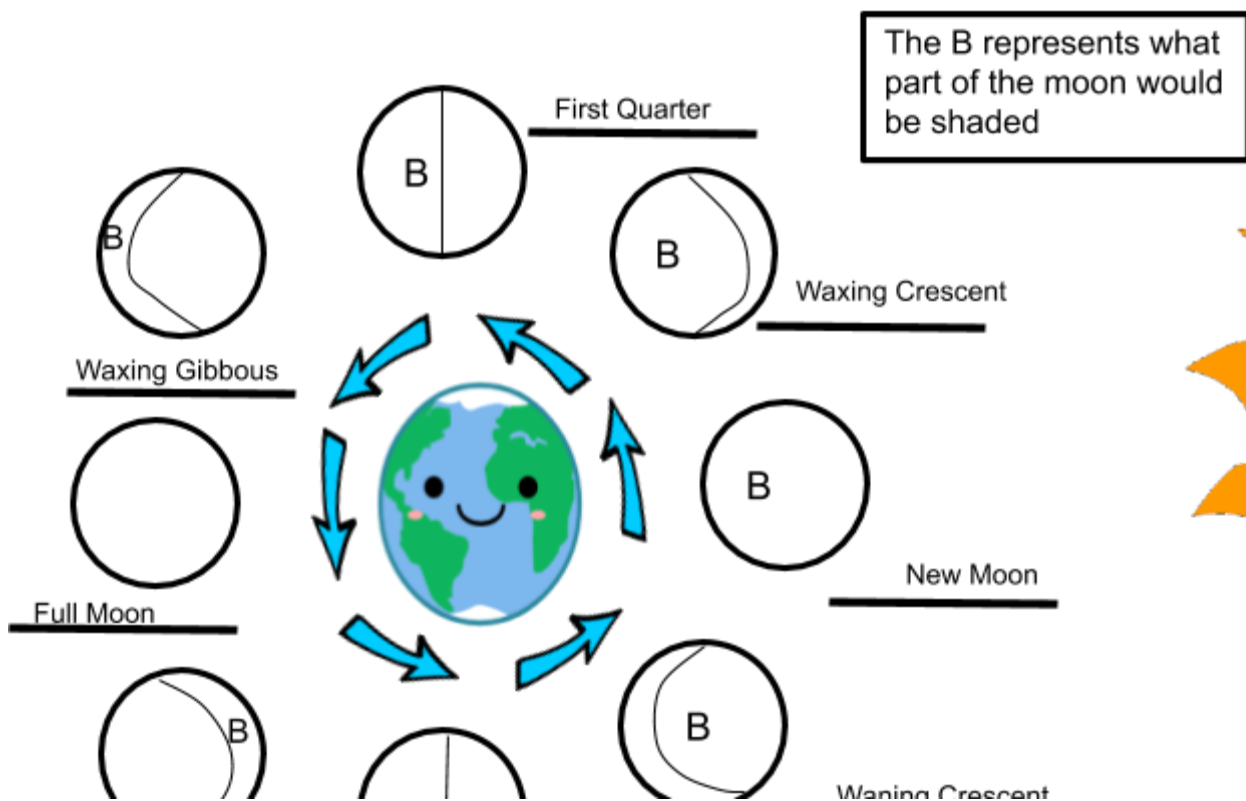
B. I need help, please check in with me!



## Answers to Review Worksheet:

1. T
2. 8
3. New Moon
4. 59%
5. Waxing Gibbous
6. E
7. Sun
8. 29.5 Days
9. Z
10. Blue Moon
11. F
12. No Dark Side
13. 15 days

## Answer to Moon Phases Worksheet:



Student Name(s) \_\_Ryley Carleton\_\_&\_\_Nicole Janell\_\_

1. The lesson plan includes each of the sections described in class. 1 2 3 4 5 X 4

2. The objectives are written in behavioral and measurable terms. 1 2 3 4 5 X 4

3. The procedure is presented in third person and detailed enough so that others could carry out lesson. 1 2 3 4 5 X 4

4. The evaluation procedures/instruments are detailed such that they are directly linked back to each listed objective. 1 2 3 4 5 X 4

5. Project includes a student handout that guides student activities on-line. 1 2 3 4 5 X 2

6. Project includes a formal evaluation for student activities on-line. 1 2 3 4 5 X 2



