

## Fourth Quarter

### Chapter 3: The Moon

#### Lesson 7: Infer the pattern in the changes in the appearance of the moon

Duration: 5 days

- I. Objectives:
  1. Observe the apparent changes in the shape of the moon
  2. Infer the pattern in the changes in appearance s of the moon
  3. Awareness on environment
- II. A. Materials
  - Activity 1
  - 2 small ball
  - 1 big flashlight
  - 1 medium size ball
  - 1 tall jar
  - Activity 2-3
  - Pictures
  - Activity 4
  - Tarpapel/laptop/video
  - Strip of cartolina
  - Manila paperB. Reference/s:
  - Curriculum Guide 5,
  - Science for Daily Use 4 (TX/TM)
  - Science and Health 5C. Process Skills: demonstrating, inferring, describing
- D. values Integration:
  - Appreciation of God's creation
- III. Learning Task
  - A. Engagement:**

Have you seen the moon? How often do you see it?  
Use laptop/ slide/ video
  - B. Exploration:**

**Note:** Remind the class of the standards in doing activity.

    1. Prepare in advance.
    2. Distribute materials to each group.
    3. Remind them to work on the activity for 15 – 20 minutes.

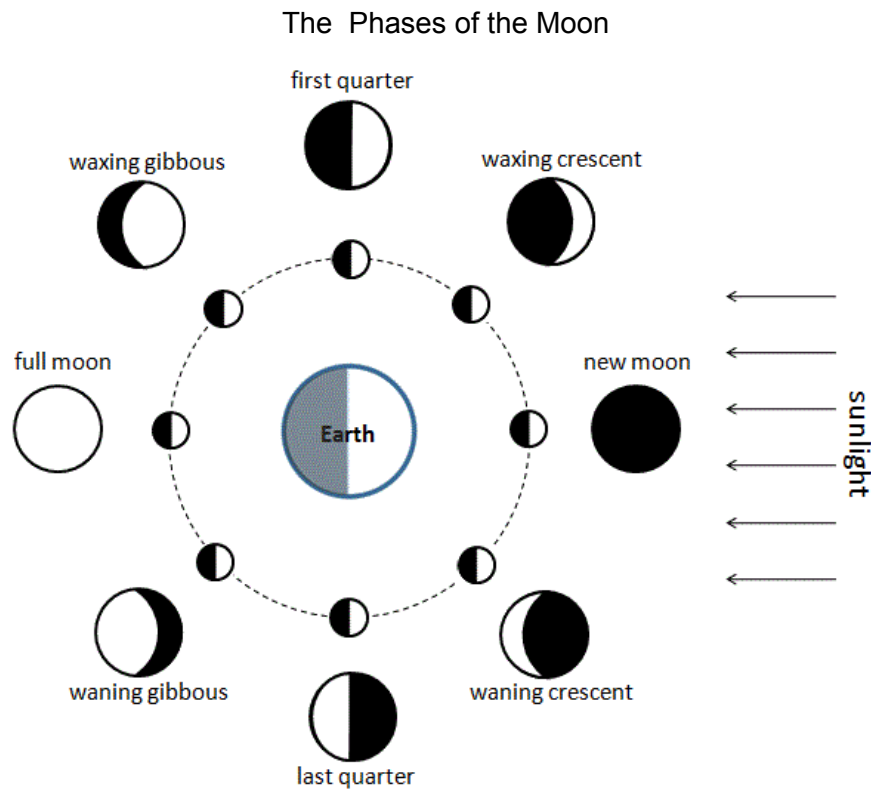
4. While class is working on the assigned tasks, will go around to check the progress

**C. Explanation:**

1. Have each group present their output for 5 minutes only and answer the guide questions.
2. Process the responses of each group and find out the similarities and differences of their answers.

**D. Elaboration/ Extension:**

Using the model, it shows the apparent changes of the shapes of the moon in relation to its position to the earth and the sun. Note the lighted section in each phase of the moon



**E. Evaluation:**

Color the part of the moon visible from earth yellow and those not visible black.

Note: provided by the teacher

**IV.**

**Assignment:**

Draw the correct pattern in the changes of the phases of the moon.