Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Unit 8: Moon Phases Lab

Taken from <https://mysteryscience.com/astronomy/mystery-5/moon-phases-lunar-cycle/77?r=2312758#slide-id-0>

1. What do you notice about the moon each night?
2. What ideas do you plan to test to see if you can create the Moon’s phases and make them go in order?

**LAB: Hold the sphere in your hand and place it above your head (like shown in the video). See if you can make ALL the phases of the moon happen**

1. After you have done the lab, what causes the moon to change shape in the sky?
2. How would you explain the Moon Phases to someone who doesn’t know?

**AFTER THE LAB QUESTIONS:**

1. Where does the concept of a month come from?
2. Can you ever see the Moon during the day? Why or why not?
3. CHALLENGE: During what phase can the Moon ONLY be seen at night and not in the daytime at all? BONUS: How do you know?