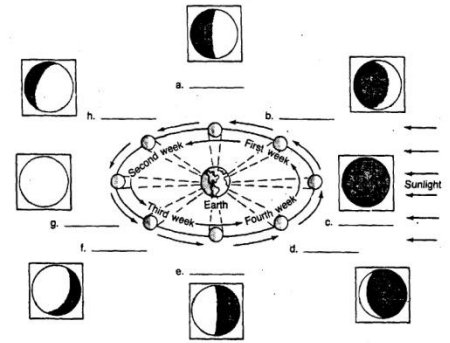




Moon Observation Log

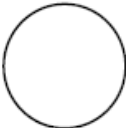
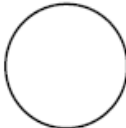
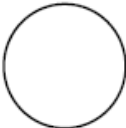
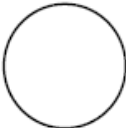
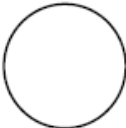
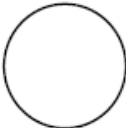
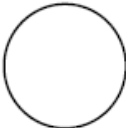
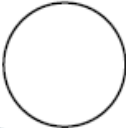
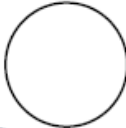
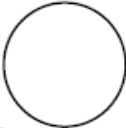
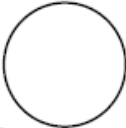
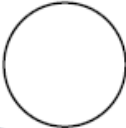
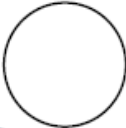
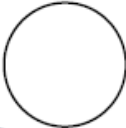
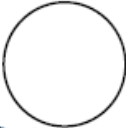
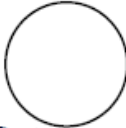
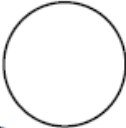
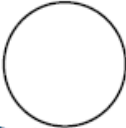
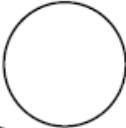
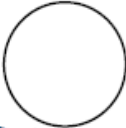
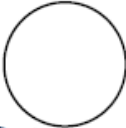
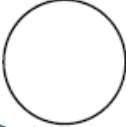
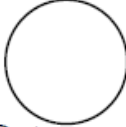
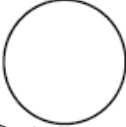
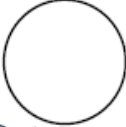
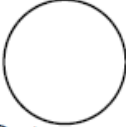
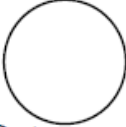
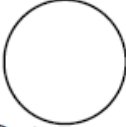


Over the next several weeks, you are to go outside, **to the same place, at the same time** each day and keep a daily log of your observations of the moon. This “viewing location” needs to be somewhere which has a full view of the **southern sky**. You will be looking at the moon as it goes through its cycle of phases and the movement of the moon over the weeks.

1. Find and draw as many points of reference to compare the Moon’s position and movement each day from your viewing location on the arc. If your viewing location is your backyard – you are essentially drawing your backyard with possible points of reference. A possible point of reference might be a tree, or a building, something that will not move. Find the compass direction to these points of reference from your viewing location. Ask your parents to help you with the compass direction.
2. For each observation:
 - On the Lunar Observation Chart record the date and time of each observation in the box with the circles.
 - Shade the circle with a pencil to show the shape of the moon on the lunar observation chart
 - On the arc record the moon’s position and phase on each day with the date across the sky.

Lunar observation chart.

Find the Moon in the sky. Record the date and time in the box corresponding to the date.
Shade the circle with a pencil to show the Moon's appearance.

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
 Date ____ Time ____	 Date ____ Time ____	 Date ____ Time ____	 Date ____ Time ____	 Date ____ Time ____	 Date ____ Time ____	 Date ____ Time ____
 Date ____ Time ____	 Date ____ Time ____	 Date ____ Time ____	 Date ____ Time ____	 Date ____ Time ____	 Date ____ Time ____	 Date ____ Time ____
 Date ____ Time ____	 Date ____ Time ____	 Date ____ Time ____	 Date ____ Time ____	 Date ____ Time ____	 Date ____ Time ____	 Date ____ Time ____
 Date ____ Time ____	 Date ____ Time ____	 Date ____ Time ____	 Date ____ Time ____	 Date ____ Time ____	 Date ____ Time ____	 Date ____ Time ____