

Lunar Observation Sheet

Mr. Traeger

Name: _____

Period: _____



Rationale

Observation over time is one of most powerful skills of a scientist. The Moon phases over the next week are such that observations of the Moon will be possible on each evening.

Instructions

Observe the Moon over the next week. You must observe it *every night* at the SAME TIME and preferably in the same place. Fill in the following grid with your observations and drawings.

Observation Grid:

Date and Location (ex. 3/5/14 in my back yard)	Time (ex. 7:00 PM Pacific Standard Time or 8:00 PM Pacific Daylight Time)	Azimuth (Direction as Northeast, East, Southeast, South, Southwest, West, Northwest) (ex. Southwest)	Altitude (How many degrees above the horizon would you say the Moon is? This should be from 0 to 90 degrees) (ex. 45°)	Sketch of Moon (Make sure you sketch this with respect to the horizon being the reference point) (ex.  Southwest Horizon)	Description of Appearance (ex. Looks like crescent Cheshire Cat Teeth) 	Name of phase (new, waxing crescent, first qtr., waxing gibbous, full, waning gibbous, third qtr., waning crescent)	How does actual appearance compare to what was predicted by the lunar calendar you made in class?

[illegible]