



Moon Calendar Teacher Guide

Keep students learning, observing, and discussing after their planetarium visit! This activity can be done as a class, as part of morning meetings, or with guidance from an adult.

Use the Moon Calendar Template for the current month. Fill in the month and days on the calendar. Observe the moon daily with your eyes. Use a crayon or marker to shade the part of the moon we can't see. Teachers can check current moon phases and additional resources [here](#). What else do students notice/observe about the moon and the sky?

Concepts to reinforce:

- Students observe natural phenomena themselves
- The moon changes a little each day
- There is a cycle or repeating pattern for how our moon appears over 28 days

Vocabulary to use in context:

- New moon
- Crescent
- Half moon (connections to math) OR Quarter moon (the term scientists use)
- Gibbous
- Full Moon

Some teachers choose to add:

- Waxing (when the RIGHT side of the moon is lit, a full moon is coming)
- Waning (When the LEFT side of the moon is lit, a new moon is coming)