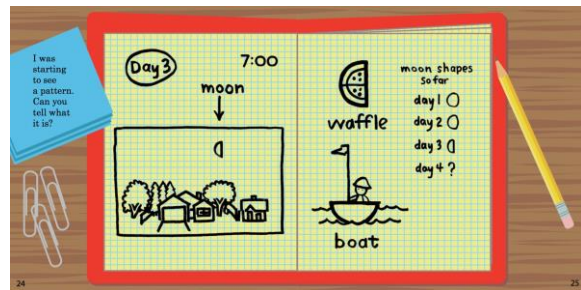
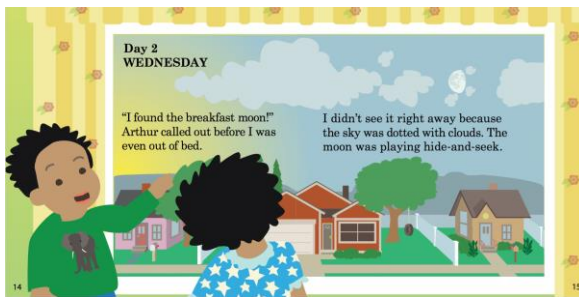




## Moon Journal

Observe the Moon Together at Home!

Suggested Age: All Ages 4+



### Materials Needed:

- ✓ A **notebook** to use as a Moon Journal
- ✓ **Pencils**, markers, and/or crayons
- ✓ **A view of the sky**
- ✓ Optional: blank Moon Journal pages, available for download at the link below
- ✓ Optional: *Breakfast Moon* by Meg Gower – an illustrated storybook about keeping a Moon Journal. Learn more: <https://astrosociety.org/education-outreach/early-learners/breakfast-moon.html>

Set Up Time: **5 min**

Time To Do: **15 min**



## What To Do

- **Look for the Moon in the sky!** It might be visible in the daytime or at nighttime, depending on what phase it has. See below for information about what time of day to look for the Moon in each phase.
- **Write the date & time** on a page in your Moon Journal.
- **Draw what you see.** Pay close attention to the Moon's shape and the features on its surface. Include some of the landscape, like buildings and trees, to help you notice the position of the Moon in the sky.
- **Does the shape of the Moon remind you of anything?** A food? An animal? Something else? You could add that to your journal page too!
- **What do you think the Moon will look like tomorrow?** Make a guess and draw it in the corner of the page. This guess is called your *prediction*.
- **Look for the Moon and draw what you see again tomorrow!**

## When to Look for the Moon

If you know the phase of the Moon on a given day, you will know roughly what time of day it will rise and set, and when it will be high in the sky. You can find a calendar with the phase of the Moon for each day here: <https://stardate.org/nightsky/moon>

- **Full Moon** rises at sunset and sets at sunrise. Night is the best time to look for the Full Moon and the Gibbous Moons just before and after Full Moon.
- In the week after Full Moon: **Waning Gibbous**, **Third Quarter**, and **Waning Crescent** are seen in the morning sky.
- Two weeks after Full Moon: **New Moon** rises and sets with the Sun and is not visible. No Moon observations this week!
- In the week before a Full Moon: **Waxing Crescent**, **First Quarter**, and **Waxing Gibbous** are seen in the afternoon and evening sky.