

## Space Science Explorer – Daisy



### 1. Explore the Sun

In a notebook or a DIY sky journal (decorate a small booklet with sky-inspired images and stickers!), draw the sky at three different times of the day. You can record the sky after breakfast, after lunch, and near dinner time. Does the sky change? Are there clouds? Do you see different colors throughout the day?

### 2. Observe the Moon

Look at the moon and try to find what phase it is in using the chart below. Draw the moon in your notebook from Step 1. Over the next few days, look at the moon again, and draw what it looks like. Does it change shape? Is it always in the same place in the sky, or does it move?



### 3. Meet the Stars

Use a toilet paper or paper towel tube as a pretend telescope to observe the stars in the sky. Try to make shapes or constellations out of the stars you see. Then, make your own constellation! Trace your hand on a piece of paper, then add stars along your tracing and give your constellation a name.

**In order to complete this badge, send a photo or short video of your girl working on Step 3 to [ssmith@girlscoutsoaz.org](mailto:ssmith@girlscoutsoaz.org)**

**Make sure to include your girl's name in the email, and whether we can share your photo or video on social media! You can purchase Badges at our online store**

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