



## Space Science Adventurer



### Badge Overview

Investigate the complexities of the sky as you learn to see things in a new way. When you've earned this badge, you'll know how to investigate the Sun, Moon, planets, and stars.

### Badge Components

#### 1. Meet the neighbors

Complete the 2 coloring pages to find out a little more about the planets in our solar system.

#### 2. See more than before

Go to this [website](#) to explore the solar system. You can click on the space objects to find out more about them, there are even some games to try!

#### 3. Investigate the Moon

Watch this [video](#) to learn about the phases of the moon. Create a beautiful picture of the moon using 1 of the following websites to help:

- [Foil Moon Painting](#) – Materials: foil, cup measurer, black and white paint, white and black paper
- [Homemade Puffy Paint Moon](#) – Materials: shaving cream, white glue, paper or card
- [Card 3D Painted Moon](#) – Materials: paint, flour, black card, and a paint brush

#### 4. Be a stargazer

Download one of these augmented reality star gazing apps and go outside at night and see what you can see!

- [Star Chart](#) app (Android)
- [SkyView](#) app (iPhone)
- Alternatively you can explore the night sky during the day on this [website](#).

#### 5. Celebrate and share

Make an accordion booklet.

- Fold 2 pieces of paper Hot Dog style and then cut along the fold to make 4 strips.
- Take only 3 of the strips and fold each of them into 4.
- Glue the last section of each strip to the first section of each strip so you get 1 really long strip with 10 sections.
- Use the Space Booklet Images PDF and your research to make your information booklet.
- When you are done, share your beautiful booklet with someone in your house so they can learn about space too.



### Materials

- [Coloring page 1 PDF](#)
- [Coloring page 2 PDF](#)
- [Space Booklet Images PDF](#)
- Materials for Moon Picture – see Badge Components 3 for materials
- Paper
- Markers or crayons
- Computer, Tablet or Phone

### Florida Educational Standards

The content of all Girl Scout national proficiency Badges and Journeys have been correlated by grade level to national and state learning objectives.

[Click here](#) for more information on how Girl Scout Badge-work supports Florida's educational standards.



We love to see Girl Scouts in action. Snap a photo and send it to [marcomm@gssef.org](mailto:marcomm@gssef.org).

Include her name, troop# and the name of the badge she's working on and we'll feature her.

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