



Sky



Badge Overview

Through earning this badge, Seniors will look at the sky with a whole new appreciation. They will learn about stars and constellations as well as the science of the sky and how they can help with sky pollution.

Badge Components

1. Watch the skies

Stand outside during the day and look at the sky.

- Grab a notebook and jot down some notes about your experience. What types of clouds are there, if any? Here is a [video](#) if you would like to review the types of clouds and water cycle.
- What types of man-made things can you see? What else do you see in the sky?

Then, check out the sky at night.

- Identify 10 constellations and 8 stars. You can download an app on a smart phone like Star Map to help you find them or use a star chart like this [one](#).
- What else do you see?

2. Investigate the science of the skies

Take your notebook and observe the weather and how the sky changes over a couple days.

- Create your own weather forecast from what you've observed and see if your predictions are correct.
- Learn more about how meteorologists forecast the weather using this [link](#).

3. Explore the connection between people and flight

Head to www.jpl.nasa.gov and research current space missions.

- Choose a mission to follow and track its progress. Learn what the purpose of the mission is, where the mission is, how NASA prepares for a mission.
- Keep a log of the mission for a minimum of one week by checking the website for updates.
- Try to watch a launch, either on television, internet or in person if there is one scheduled soon.

4. Help clear sky pollution

Explore air pollution using this [link](#). Consider the causes and effects of air pollution as you take notes.

- What would be the best way to help the skies?
- What would Create a video or poster to share about five things you, your family and your community can do to help reduce air pollution.

5. Make sky art

Find a way to showcase the wonders of the sky by creating a work of art. Get creative! You can use any art media like a slideshow of photos of the changing sky, a drawing or painting of your favorite sky view, or a 3D model of the solar system. Share your art with others on social media.

Materials

- Access to internet
- Something to write with
- Notebook

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.

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

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