



Sky

Green ² Troops – Senior Sky

Badge Purpose: Explore the science of the sky, including astronomy and weather, while learning how to protect Earth's atmosphere and limit waste.

Step 1: Watch the Skies

- Host a zero-waste stargazing night using repurposed blankets, reusable flashlights, & reusable containers for snacks.
- Create DIY upcycled "constellation viewers" from toilet paper rolls and scrap paper.

Step 2: Investigate the Science of the Sky

- Build simple weather instruments (like an anemometer or rain gauge) from recycled materials.
- Research cloud types or weather patterns using online resources instead of printing materials.

Step 3: Explore Connections Between People and Flight

- Visit a local aviation museum or eco-friendly airport and learn about sustainable aviation.
- Build paper airplanes using scrap paper and test their flight patterns outside, then recycle the paper.

Step 4: Help Clear Sky Pollution

- Organize a "Clean Air Campaign" to educate your community on reducing air pollution.
- Create a digital infographic on ways to reduce emissions (bike commuting, tree planting) rather than printing posters.

Step 5: Create Sky Art

- Make sky-themed art using recycled materials (like a "night sky" collage from magazine scraps).
- Host a "Sky Photography Challenge" using digital photos to capture different times of day, avoiding disposable cameras or printed photos.

Optional Community Service Project:

- Plant native trees to help improve local air quality, organizing a "Plant for the Sky" event.
- Host a waste-free stargazing public event promoting light pollution awareness and sustainable outdoor practices.