



Sky Is the Limit

Cub Scouts · Elective · Tiger rank

Name

Started

Completed

Sky Is the Limit takes you stargazing. You'll look at the night sky, use tools to see faraway things, find constellations, and build your own model. The sky is a giant picture book waiting to be read.

Requirements

Every official requirement, in plain language. Check the official wording when you sign off (scouting.org/cub-scout-adventures/sky-is-the-limit/). Tips and examples are ideas, not extra requirements.

- ☐ 1 With your den or adult partner, look at the night sky and talk about what you see or might see

Tip: On a clear night, go outside with your adult and talk about what you see: the moon, stars, or planets.

Example: Lie on a blanket with your adult and look up for ten minutes. Talk about what you see: the moon's shape, bright stars, maybe a planet that doesn't twinkle, or an airplane's blinking lights.

- ☐ 2 Look at faraway things through a telescope, binoculars, or a camera, and show how to focus it

Tip: Look through binoculars or a telescope and practice turning the focus knob until things look sharp.

Example: Look at the moon with binoculars. Turn the focus wheel slowly until the edges look sharp and you can see dark spots and craters. Then try a faraway treetop in the daytime.

- ☐ 3 Pick two easy-to-see constellations, in the sky or from a book, chart, or device; with your den or adult partner, learn their names and how to spot them; make a picture of one

Tip: Find two easy constellations like the Big Dipper, learn a trick to spot them, then draw one.

Example: Find the Big Dipper: look for seven bright stars shaped like a big spoon. Then find Orion in winter: look for three stars in a row for his belt. Draw the one you like best.

☐ **4** Make a homemade model of a constellation

Tip: Poke holes in a paper cup or cardboard in a constellation pattern and shine a flashlight through it.

Example: Poke holes in the bottom of a paper cup in the shape of the Big Dipper. In a dark room, shine a flashlight inside the cup and point it at the ceiling to see your constellation.