

Cub Scout Badge Requirement Activities

The Challenger Center can help cub scouts fulfill any of the badge requirements listed below:

Astronomy:

Belt Loop:

1. Set up and focus a telescope or binoculars.
2. Draw/label diagram of our solar system.
3. Explain astronomical terms (planet, star, star map, solar system, galaxy, etc.)

Pin:

1. Draw a diagram of a telescope and explain how it works.
2. Explain how to use a star map.
3. Locate and identify five constellations.
4. Find the North Star and explain its importance.
5. Interview an astronomer.
6. Learn about careers in astronomy.
8. Make star poster showing star's life cycle.
9. Learn about early space missions.
10. Find/talk about a space-related current event.
11. Write a report on two famous astronomers.

Science:

Belt Loop:

1. Explain the scientific method.
2. Use the scientific method in a simple project.
3. Visit a science facility & speak with a scientist.
(Requirements 1 & 2 can be done with a Scout-provided project.)

Pin:

5. Learn about solids, liquids, gases.
6. Build models of atoms.
10. Make model of the solar system.
11. Do experiment in front of audience (Scout-provided-experiment).