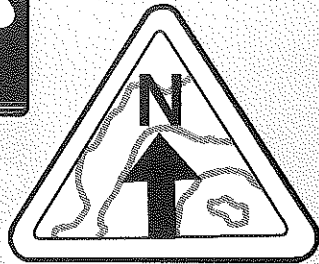
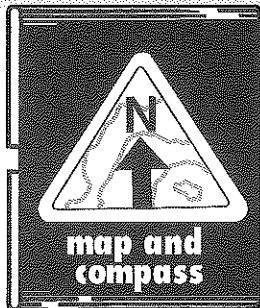


Cub Scout Academics: Map and Compass



REQUIREMENTS

Tiger Cubs, Cub Scouts, and Webelos Scouts may complete requirements in a family, den, pack, school, or community environment. Tiger Cubs must work with their parents or adult partners. Parents and partners do not earn loops or pins.

Belt Loop

Complete these three requirements:

- _____ 1. Show how to orient a map. Find three landmarks on the map
- _____ 2. Explain how a compass works.
- _____ 3. Draw a map of your neighborhood. Label the streets and plot the route you take to get to a place that you often visit.

Academics Pin

Earn the Map and Compass belt loop and complete five of the following requirements:

- _____ 1. Explain to your den or an adult family member what *cartography* means.
- _____ 2. Make a poster showing 10 map symbols and their meaning.
- _____ 3. Read a book or story about a famous explorer or navigator. Tell your den or family what you learned.

- _____ 4. Make a simple compass with a magnet and pin.
- _____ 5. Explain the difference between latitude and longitude and show them on a map or globe.
- _____ 6. Draw a compass rose for a map. Label north, south, east, and west.
- _____ 7. Study a blank map of the United States of America. Label your state, and the states that share its boundary lines.
- _____ 8. In the field, show how to take a compass bearing and how to follow it.
- _____ 9. Show how to measure distances, using a scale on a map legend.
- _____ 10. Measure your pace. Then layout a simple compass course for your den to try.
- _____ 11. Using a road map, determine how many miles it is between two major cities or familiar destinations.
- _____ 12. Explain what the different map colors can mean on a map.