



Cub Scout Academics



Map and Compass

U.S. SCOUTING SERVICE PROJECT -- [HTTP://USSCOUTS.ORG](http://USSCOUTS.ORG)

This subject was added in September, 2002.

[Print these Requirements](#)

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. Define cartography.
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.
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