



# Cub Scout Map and Compass

## Cub Scout Academics and Sports Workbook

This workbook is not required but can help you with this award. Belt Loops and Pins may be earned more than once.

Links to other workbooks and resources are at the end of this workbook: [Online Resources](#).

Send comments to the workbook developer: [craig@craiglincoln.com](mailto:craig@craiglincoln.com). Workbook updated: August 2008.

Scout's Name: \_\_\_\_\_

Pack: \_\_\_\_\_

### **Cub Scout Map and Compass Belt Loop** (See the [Pin Requirements](#) below.)

**Complete these three requirements:**

1. Show how to orient a map. Find three landmarks on the map \_\_\_\_\_

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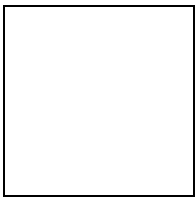
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2. Explain how a compass works. \_\_\_\_\_

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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.



### **Cub Scout Map and Compass Pin**

**Earn the Cub Scout Map and Compass belt loop, and complete five of the following requirements:**

1. Define cartography. \_\_\_\_\_

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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. \_\_\_\_\_

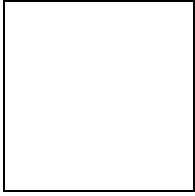
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4. Make a simple compass with a magnet and pin. \_\_\_\_\_

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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**Online Resources** *(Use any Internet resource with caution and only with your parent's or guardian's supervision.)*

**Cub Scout Advancement:** <http://usscouts.org/advance/cubscout/ranks.asp>

**Tiger:** <http://meritbadge.org/wiki/index.php?title=Tiger>

**Wolf:** <http://meritbadge.org/wiki/index.php?title=Wolf>

**Bear:** <http://meritbadge.org/wiki/index.php?title=Bear>

**Webelos:** <http://meritbadge.org/wiki/index.php?title=Webelos>

**Cub Scout Academics and Sports Workbooks:** ▶ [meritbadge.org](http://meritbadge.org) -or- ▶ [Academics](#) / [Sports](#)

**Webelos Activity Badge Workbooks:** ▶ [usscouts.org](http://usscouts.org) -or- ▶ [meritbadge.org](http://meritbadge.org)

**Boy Scouts of America:** <http://www.scouting.org/> ▶ [Guide to Safe Scouting](#) ▶ [Age-Appropriate Guidelines for Activities](#)

Free Topographical Maps: US Geological Survey: <http://store.usgs.gov/> (Download the pdf or buy 22"x27" maps for \$7 each.)

Topographical: Topozone.com: <http://www.topozone.com/> (Choose your map and scale, then click Print Map, free 8.5x11.)

Satellite, Street, and Terrain Maps: <http://maps.google.com/>

Large Satellite Photos: <http://teraserver-usa.com/address.aspx> (Enter Address, choose large size, print, right click, Save as...)

Wide range of interactive and printable maps: [www.nationalatlas.gov](http://www.nationalatlas.gov)