



NAVIGATION

Before completing this charm, girls should have completed the Wild Wonders Patch and Sense of Place. Supervising adults must have TCC1 and TCC2 Training Certification prior to the earning of this charm, to make sure safety guidelines and skills are being followed and completed in the correct way. [Check here for adult training online certifications.](#)

This program is self-guided. There will be opportunities for supplemental virtual events (and future in-person events) that will guide you in the completion of your charm.

DAISY (GRADES K-1)

- » Learn how to find north. What are the four directions on the compass?
- » Practice following directions using compass directions. You can make them up and work with a partner or have an older girl or adult make them up for you to follow.
 - Walk three steps north, five steps west, etc.
- » Play a game to show you know all the points of a compass.
 - Four people stand in a circle with one person in the middle. Each person in the circle represents a point on the compass. Call out directions (North, South, East, West) and the person in the middle uses a compass to find the correct person to turn to. Have everyone take turns being the middle.
 - You may also have participants stand in a line and turn to the correct direction. This will work best if each participant has a compass.

BROWNIE (GRADES 2-3)

- » Learn how to find all four directions on the compass. What numbers correspond to each direction?
- » Learn the basic parts of compass.
- » Have an adult or older Girl Scout create a scavenger hunt to practice your compass skills.

JUNIOR (GRADES 4-5)

- » Learn the four directions on the compass and the corresponding numbers. Learn the difference between magnetic north and true north.
- » Learn all the parts of the compass, how a compass works, and how to use it on a hike.
- » Learn how to use the dial of the compass.
- » Learn how to find your pace.
- » Have an adult or older Girl Scout help you with a wilderness scavenger hunt.
- » Learn to read a city map.
- » Build a natural compass and learn other ways of navigation.

CADETTE (GRADES 6-8)

- » Learn all the parts of the compass and how they work.
- » Know the difference between magnetic north and true north and how to correct for declination.
- » Learn how to find your pace on flat ground.



- » Learn how to find your pace going uphill or downhill. How does elevation affect your pace?
- » Learn to read a topographical map. How does this help you when on a hike?
- » Use your map to trace out a hiking route. With your Girl Scout sisters or family, take that hike. Use your compass to find different landmarks along the way and add them to the map.
- » Learn how to find your bearings when you are lost and build a natural compass.
- » Learn two other ways to navigate without a compass, including constellations and the sun.

SENIORS AND AMBASSADORS (GRADES 9-12 + ADULTS)

- » Learn all the parts of the compass and how they work. Know the difference between magnetic north and true north and how to correct for declination. Know how to find your pace on flat ground and how to adjust for up and down hill.
- » Learn how to find a bearing from a map.
- » Learn how to find your bearings when you are lost and build a natural compass.
- » Learn three other ways to navigate without a compass, including constellations, sun compass and moon.
- » Challenge yourself to a hike in an area you do not know, using only a map and a compass to find your way. Remember safety rules for hiking: tell adults where you will be, always have a buddy or two, and bring plenty of water.

RESOURCES

The following resources will help in the completion of this charm. There are many more resources online.

- » wikihow.com/Use-a-Compass
- » rei.com/learn/expert-advice/navigation-basics.html

BADGE CONNECTIONS

By participating and completing this Charms program, you are also on your way to earning Girl Scout badges. Purchase specific badge requirement packets at girlscoutshop.com/ARIZONA-CACTUS-PINE-COUNCIL.

- » Daisy = Safety Award
- » Brownie = Hiker, Brownie First Aid, Letterboxer
- » Juniors = Camper, Junior First Aid, Geocacher
- » Cadettes = Trailblazing, Cadette First Aid, Night Owl
- » Seniors = Adventurer, Senior First Aid, Traveler
- » Ambassadors = Survival Camper, Ambassador First Aid
- » Girls 14 years and older & Adult trainings available = TCC 1, First Aid & CPR, Backpacking, Wilderness First Aid

RECOMMENDED NEXT CHARMS:

- Tent Camping
- Backpacking
- Naturalist