



Tech on the Trail

Cub Scouts · Elective · Webelos rank

Name

Started

Completed

Tech on the Trail shows how gadgets can help you hike safely. You'll explore GPS, plan a route online, and then take your trek. Technology is a great tool, as long as you also know the basics.

Requirements

Every official requirement, in plain language. Check the official wording when you sign off (scouting.org/cub-scout-adventures/tech-on-the-trail/). Tips and examples are ideas, not extra requirements.

☐ **1** Talk about ways technology can help keep you safe outdoors

Tip: Talk about how phones, GPS, and weather apps help, and what to do if the battery dies.

Example: Technology can help by showing your location, warning you about storms, and letting you call for help. But batteries die and signals drop, so you still carry a paper map and stay with your group.

☐ **2** Explore GPS and how to use it

Tip: Try a GPS device or app. Mark your starting spot and use it to find your way back.

Example: Mark your starting point as a waypoint, walk around the block or a park, then use the GPS to guide you back. Notice how close it gets you and how long it takes to find satellites.

☐ **3** With an adult, pick an online mapping tool and use it to plan a 2-mile trek

Tip: With an adult, use an online map to plan a 2-mile route and check the distance.

Example: Use an online map's route or distance tool to draw a loop on park trails. Adjust it until it measures about 2 miles, then print or download the map in case you lose signal.

☐ **4** Go on your 2-mile trek

Tip: Bring your Six Essentials and follow your plan with your den or family.