

Girl Scouts

Backpacking II

Trip Planning





Girl Scouts Backpacking II

Trailhead

1. Find the trailhead on a Topographic Map.
2. Find the trailhead on a state highway map.
3. Find the trailhead on the Arizona Atlas & Gazetteer.
4. Draw a simple map showing how to drive from the Camp Sombrero to the trailhead.
5. How many hours are needed to drive to the trailhead.?
6. Share with the group. What resources did you use and how did you use them?

Materials Needed:

1. State highway map
2. Pencil and paper
3. Arizona Atlas & Gazetteer
4. Topographic 7.5 minute map



Girl Scouts Backpacking II

Trail

1. Point out the trail on a 7.5 minute USGS topographic map.
2. Draw a trail profile. (distance on trail vs elevation)
for every 0.1 mile plot the elevation
3. What is the elevation at the start of the trail?
4. What is the elevation at the end of the trail?
5. What is the length of the trail?
6. How much time will it take to hike this trail?
(2 miles per hour, plus 1 hour for each 1,000 ft elevation change)
7. Share with the group. What resources did you use and how did you use them?

Materials Needed:

1. 7.5 minute topographic map of trail
2. Pencil and paper



Girl Scouts Backpacking II

Trail Description

1. Write a trail description.

nearest city -
water -
USGS maps -
management by -
wilderness area? -
where is trailhead -
vegetation -
trail difficulty -
elevation -

2. What resources did you use and how did you use them?

Materials Needed:

1. Arizona Hiking Books
2. Arizona Trail Books
3. Trail information from the internet



Girl Scouts Backpacking II

Transportation

1. Make a list of who is driving to the trail.
2. Make a list of who is riding with each driver.
3. What time are we leaving? (7:00 AM, Saturday morning)
Where are we meeting Sat morning? (Camp Sombrero)
When do we return? (noon, Sunday)
4. Make a list of equipment that should be in each car.
5. Emergency phone number: 602-264-6854

Materials Needed:

1. Pencil and paper
2. Backpacking Equipment List - Car List



Girl Scouts Backpacking II

Food/Equipment

1. Who is sleeping with who? (make a list of tents and who is sleeping where)
2. Each person brings their own food. (Jack and Mary will bring stoves)
3. Does anyone need any equipment?

Materials Needed:

1. Pencil and paper

Girl Scouts Backpacking II



GPS Waypoints

1. Find the UTM coordinates of the trailhead.
2. Find the UTM coordinates of the trail destination.

Materials Needed:

1. 7.5 minute topographic map of the trail
2. Plastic UTM Waypointer (UTM corner ruler)