



Pathfinder's Name

Caving

1. Know at least three light sources for caving.

1. _____

2. _____

3. _____

Know the importance of having extra light supplies and backup lights.

Have an experienced person in caving show you how a carbide light works.

2. List all equipment needed for a successful caving trip excluding vertical equipment and start putting together your own set of equipment.

3. Locate an experienced caver and join that person in exploring at least three relatively easy caves accumulating a total of ten hours of actual caving time.

Caves

Hours completed

1. _____

2. _____

3. _____

Experienced caver _____

4. Keep a log of these explorations, noting date, cave locations, conditions, features, hours spent in each, names of other members in your party and trip leader's name. (Complete Chart #1)

5. Learn, know well and practice caving safety rules.

6. Practice "walking" yourself up a steep slope by pulling yourself along a rope.

7. Describe several ways caves were used in Bible times.

8. Participate in the mapping process of a small cave you have explored.

9. Know the names of at least five different speleotherms and three cave dwelling animals. Include in your report those you have observed while caving.

Speleotherms

1. _____
2. _____
3. _____
4. _____
5. _____

Animals

1. _____

2. _____

3. _____

- 10. Write a report of at least 500 words on ten or more hours of your caving experience and include all you have learned while carrying out the previous nine requirements.

Caving, Chart #1

Date : _____

Number of hours in cave: _____

Cave location: _____

Cave Conditions

Interesting Cave Features

Names of persons in exploring group

Signature of trip leader _____

Caving, Advanced

- 1. Have the Caving Honor.
- 2. Obtain geological survey maps of the area where you go caving. Map out on them the location of all known caves you have explored.
- 3. Be able to give an explanation for:

How these caves were formed _____

What they have in common _____

What can be expected in them in the way of physical characteristics:

Types and extent of formations _____

Effects of prior water activity _____

Presence and nature of fossils _____

Presence and nature of life forms including bats _____

- 4. Obtain proper rappelling equipment and learn how to use it either by studying a book or mountain climbing techniques or locating a person or club group already experienced who are willing to instruct you.

Plan and execute a cave trip where it is necessary to rappel at least forty feet (12 meters) and climb back out.

Date of trip: _____

- 5. Conduct a biological survey of a cave entrance, the cave twilight zone, the deep cave floor, the deep cave wall and the deep cave ceiling. Photograph single specimens of, and identify every form of plant and animal life in each of these troglodytic zones. Compare pictures with nearest natural history museum for help in identification. Publications on cave flora and fauna of the National Speleological Society will help also. Remember slogan, "Take nothing but photographs, leave nothing but footprints."
- 6. Log 100 hours of caving experience. Keep accurate records of each caving trip. (Complete Chart #1)
- 7. Conduct a caving course, to be climaxed by several field trips for a group of young people in your community or church.
- 8. Make friends with at least one cave owner. Determine what he expects of cavers exploring his cave, and do more than he expects you to do in following these directions.

Cave owner _____

Expectations _____

Date completed _____

Instructor's Signature _____

Caving, Advanced, Chart #1

<p>Date : _____</p> <p>Number of hours in cave: _____</p> <p>Cave location: _____</p> <p>_____</p>
<p>Cave Conditions</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>
<p>Interesting Cave Features</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>
<p>Names of persons in exploring group</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>
<p>Signature of trip leader _____</p>