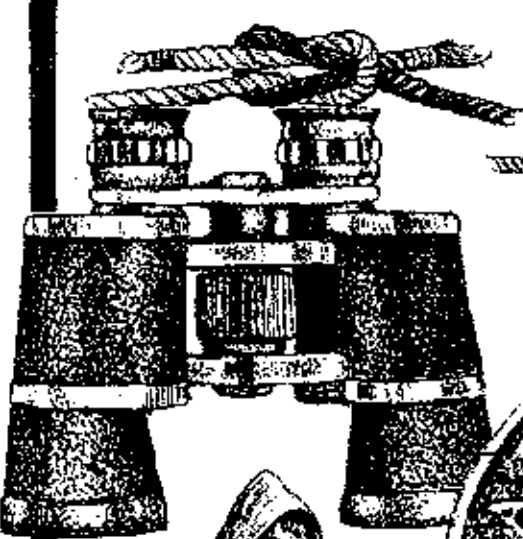




CRUSADER

CAMP CRAFT WORKBOOK



Royal Ambassador Pledge

As a Royal Ambassador
I will do my best:

*TO become a well-
informed, responsible
follower of Christ;*

*TO have a Christlike
concern for all people;*

*TO learn how the
message of Christ is
carried around the
world;*

*TO work with others
in sharing Christ; and*

*TO keep myself clean
and healthy in mind
and body.*

CRUSADER CAMPCRAFT WORKBOOK

This Book
Belongs to

NAME

ADDRESS

ZIP CODE

CHAPTER NAME

COUNSELOR

CHURCH

PHONE NUMBER

Crusader Campcraft Workbook

FOR CRUSADER ROYAL AMBASSADORS
IN GRADES 4-6

Published by
North American Mission Board
4200 North Point Pkwy.
Alpharetta, GA 30022-4176

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A Southern Baptist Convention agency
supported by the Cooperative Program and the Annie Armstrong Easter Offering®

PREFACE

Royal Ambassador camping is committed to the holistic growth of boys through:

- structuring camping experiences that call the boy to discover his importance and interrelation with the created universe
- programming which enables the boy to enlarge his self-esteem while learning the dignity of others
- incorporating missions-ministry, education, and practice into the organizing of their schedules
- encouraging boys to enjoy and test their physical, mental, and spiritual development
- supporting and complementing the local church Royal Ambassador program

Royal Ambassador camping is an effort to implement all aspects of the Royal Ambassador Pledge. Its purpose is to help churches involve men, young men, and boys in missions through interest activities.

Many persons have contributed time, talent, invaluable advice, and help in the production of this book. As a result of a two-year study by the Brotherhood Commission's Missions Impact 2000 Committee, the Brotherhood Outdoor Education Series was created. Thanks to Tim Seanor for writing and editing this book and to Mary Moore for artistic design.

HOW TO USE THIS WORKBOOK

(To the Counselor)

Crusader Campcraft Workbook is designed to be used with *Brotherhood Campcraft*. The activities and requirements found in this workbook will help a Crusader learn campcraft skills and earn the Hiker, Camper, and Woodsman patches.

Each chapter of this book begins with an introduction and preview of the skills the Crusader will learn. A step-by-step workbook approach follows that helps a Crusader understand the skills required for each level of campcraft. A checklist of requirements is included at the end of each chapter to provide a quick and easy record of achievement.

Crusaders must begin with the chapter on Hiker skills. Refer to the pages indicated in *Brotherhood Campcraft* for each requirement to complete the activities. A Crusader may work on any part of the checklist but should not proceed to the next checklist until all requirements are met in the current one. In this way, Crusaders learn campcraft in a way developed especially for them.

This workbook will not replace the *Brotherhood Campcraft* book. It contains requirements for Crusader campcraft patches, reinforcement activities, explanations, and definitions. It does not contain the skill instruction found in *Brotherhood Campcraft*.

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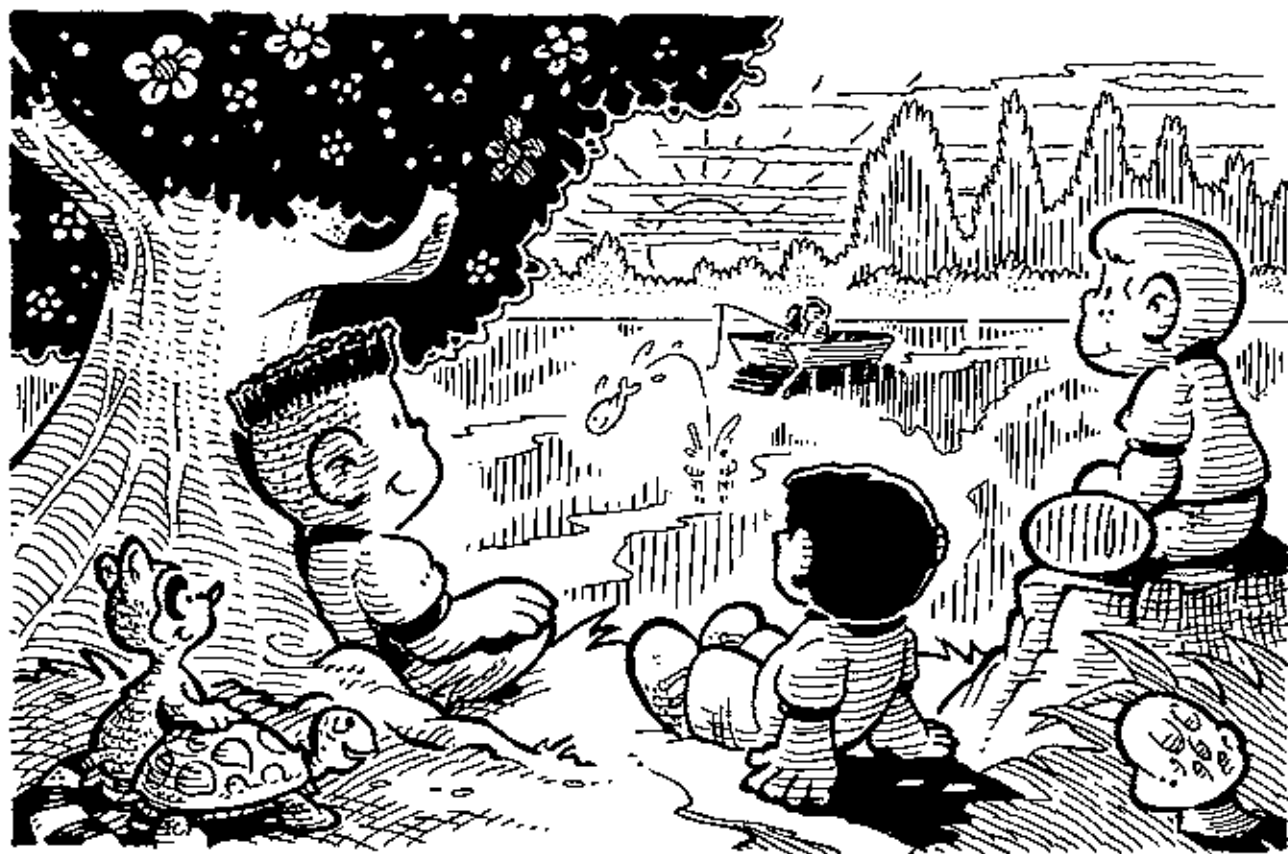
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WELCOME



Have you ever dreamed of going on a trip to the woods, discovering a quiet place on the lake, or maybe taking an exciting canoe trip down a splashing river? Sounds great doesn't it? And it is. But how do you learn the skills to become a true outdoorsman?

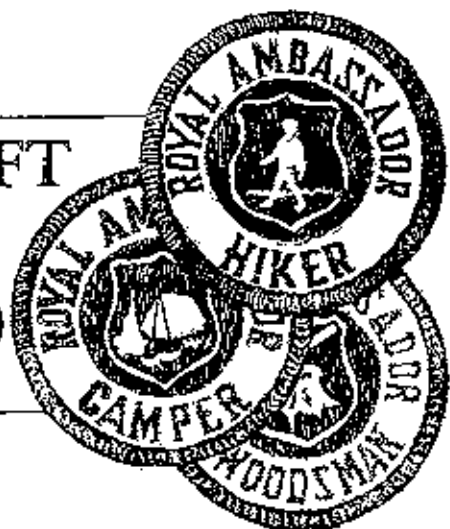
If you are a Crusader, in Grades 4-6, this workbook was written just for you. It will help you learn skills in "campcraft." Campcraft is a word that describes all the things you need to know when you go camping or hiking, or when you just want to feel "at home" in God's great outdoors.

Campcraft helps you take care of yourself and others on hikes and camps. It also helps you become more aware of God and what He has done in the world He created. In this workbook you will learn these things. You will also learn about your part in taking care of our natural world.

Campcraft will help you to have fun, to grow as a person, and to grow as a Royal Ambassador.

To do all this requires: planning, learning campcraft skills, and safety. You will need this workbook and *Brotherhood Campcraft* to complete the activities required for campcraft awards.

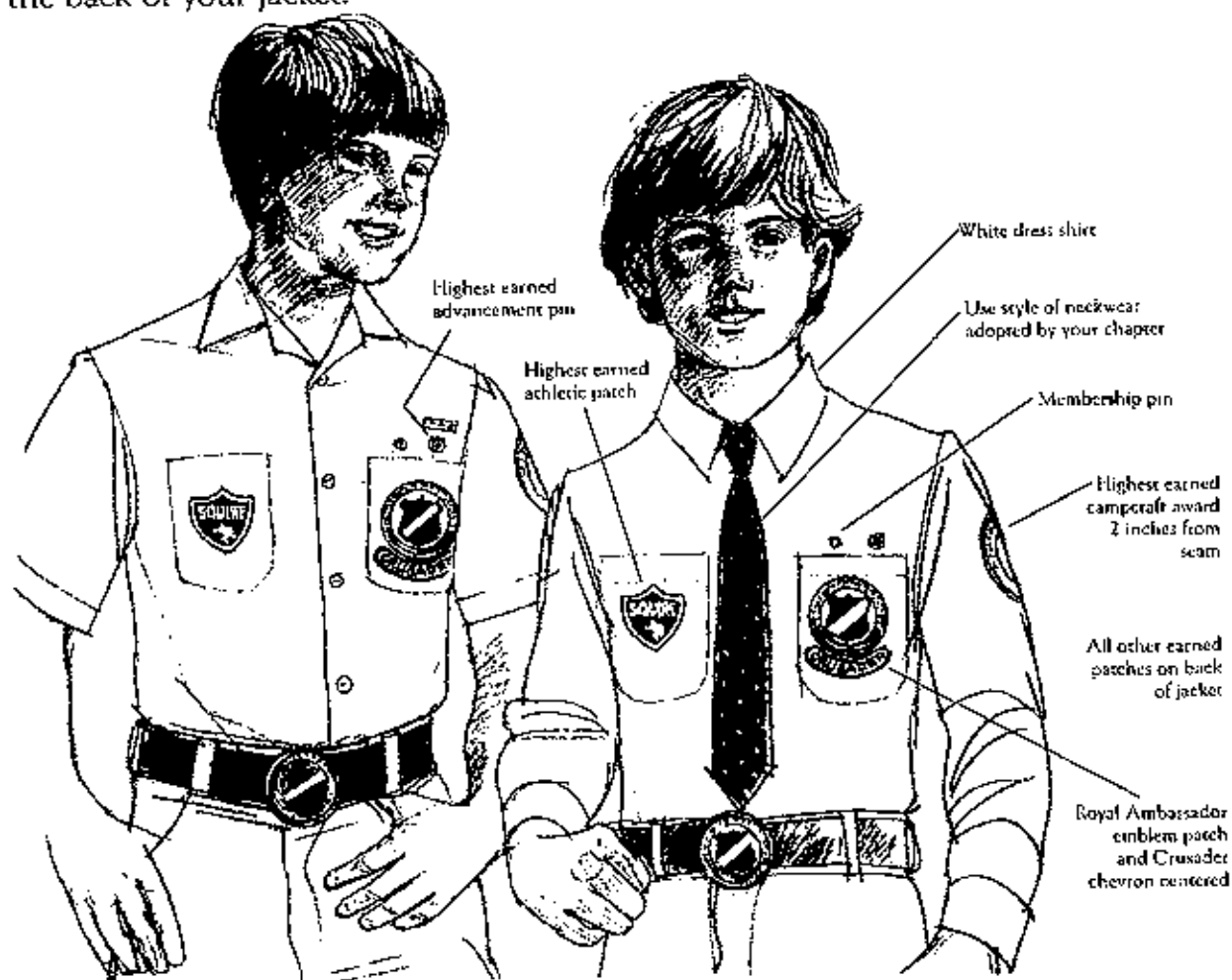
CRUSADER CAMPCRAFT BASICS



In this workbook, you will begin working on Hiker. Hiker is the first step in your campcraft journey. After you have learned and shown your Hiker skills to your counselor, you will be allowed to wear the Hiker patch. Then you may continue to Camper, and then to Woodsman levels. You must complete Hiker before you continue to other levels. In this way you will build on the skills you have already learned.

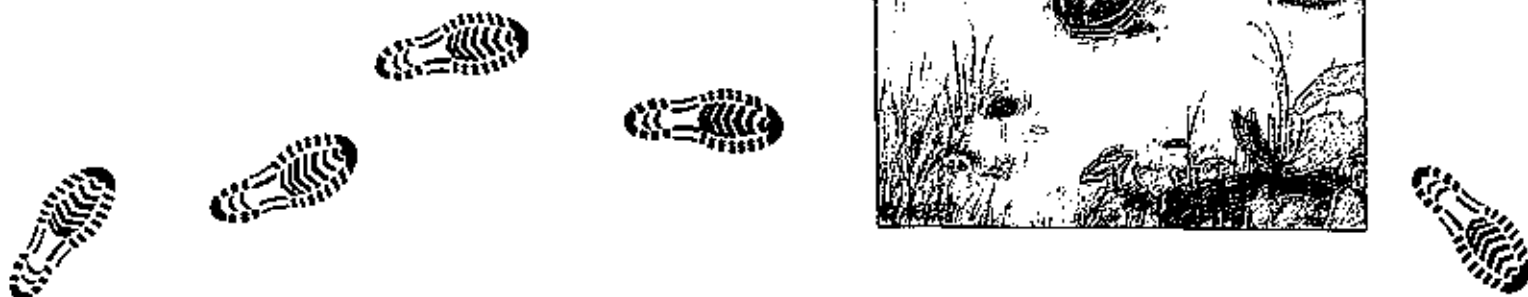
After you have completed the requirements for Hiker, Camper, and Woodsman, you will not be permitted to go back and earn Lad campcraft patches. (Lad campcraft was written especially for boys in Grades 1-3 and wouldn't challenge you as a Crusader.)

See the following drawing for how to correctly wear your campcraft awards. Notice that only the highest award you have earned is worn on the left sleeve. Others are worn on the back of your jacket.



Here Is How You Begin:

1. Talk to your counselor about making campcraft one of your interest activities.
2. If the chapter votes to participate, plan to begin with the Hiker skills and work through this workbook. New members will have to start on Hiker even if your chapter is working on Camper or Woodsman awards.
3. Make sure you and each member of your chapter has a *Brotherhood Campcraft* book.
4. Remember that RA Campcraft is an interest activity and does not replace your chapter meeting missions study, your advancement plan, or your monthly missions activities!
5. You may pass the campcraft patch requirements individually, rather than as a chapter, if checked by your counselor or a person approved by him.



PART 1:

HIKER SKILLS



You're about to take the first step into campcraft—Hiker. Hiker introduces you to the first outdoor skills you will need to become a true outdoorsman. Before you know it, you'll be taking hikes, eating outdoors, learning firecraft, and enjoying other outdoor fun.

Hiker is divided into 12 parts. Each part has "requirements" or things for you to do. The Hiker Checklist is found on page 27. As you do the requirements, ask your counselor to write the date and his initials on page 27. The checklist will help you keep track of how much you have done.

Soon you will be able to wear the Hiker patch. Ready for some campcraft adventures?



Let's get started on Hiker!



HIKER

Trip Planning

TAKE A HIKE

- a. Plan and carry out with the chapter a combined one-mile hike and cookout.

Planning is the first step to a fun outdoor adventure. You can learn about trip planning by reading pages 16-19 in your *Brotherhood Campcraft* book. Then fill in the blanks in the following sentences.

Our chapter has decided to go on a hike and cookout at _____ .
(location)

While we are there, we are going to _____ .
(purpose for going)

We divided into planning groups, and I'm on the _____ team.
(food, equipment, travel, games/activities)

As a member of this team, I am responsible for: (list your responsibilities)

Before you go on your hike, learn some of the other skills of Hiker. Read the checklist on page 27. Decide which skills you should learn before you go. Find the proper sections and work through them. DO NOT work on any requirements in other checklists. They will be presented later.



HOW TO KEEP A LOG WITHOUT A SAW

- b. Keep a log of this trip.

Did you know that a log isn't just a piece of wood? A log can also be your written story about what happened on your outdoor trip. While you are on the hike and cookout you planned above, write the story of your adventure. Include the following:

Name of your chapter: _____

Date of your trip: _____

Names of those who went: _____

Write the story of your trip here:

What did you eat? _____

Did you like it? _____ Why or why not? _____

What did you like best about your trip? _____

What did you like least about your trip? _____

List some of the wildlife you noticed on your trip. _____

Write about any humorous or fun happenings on the trip. _____

List some things you will be sure to bring next time. _____

WHAT HAPPENS IF I GET LOST?

c. Discuss what to do when lost.



Read page 98 in *Brotherhood Campcraft*. Then help Hiker Hal unscramble the mystery words. Along the way you will learn what to do if you become lost. After finishing this puzzle, discuss with your parent or counselor what to do when lost.

6

1. Carry waterproof _____, pocket _____, and _____ with you.
(mctahse) (inekf) (ewshtli)

2. _____ down and _____!
(iSt) (kinth)

3. _____ a tree or hill.
(lCmib)

4. _____ your trail.
(ecaTr)

5. _____ your whistle or _____ loudly _____ times every 20 or 30 minutes.
(owBl) (thosu) (teehr)
6. Build two _____ 40-50 feet apart.
(rifes)
7. Make a _____ with a small _____ nearby and _____ at night.
(tershel) (rife) (peesl)
8. _____ for comfort and your safe return.
(yarP)
9. Don't _____.
(wderna)

(answers: 1. matches, knife, whistle; 2. Sit, think; 3. Climb; 4. Trace; 5. Blow, shout, three; 6. fire; 7. shelter, fire, sleep; 8. Pray; 9. wander)

AFTER YOUR TRIP

- d. Afterward, discuss the hike with your chapter, telling the bad and good points. Use this discussion to help in future trip planning.

Answer the following questions:

1. Names of those present when you talked about your trip: _____

2. List good points of the trip:

3. List bad points of the trip:

4. How will you improve your trip next time? _____

HIKER

Equipment and Shelter

WEARING THE RIGHT STUFF

a. Show that you know how to dress properly to go on a hike.

Read page 26 in your *Brotherhood Campcraft* book and circle the items below you should take on your hike.

RA knife
sleeping bag
ball of string
teddy bear

tent
candy bar
baseball cards
toilet paper

adhesive bandages
quarter
map and compass
gloves

matches
pencil & paper
flashlight
radio





Hiker Hal is trying to get dressed for his first summer hike. He knows the clothes he wants to wear but can't find them. Read pages 26-27 in *Brotherhood Campcraft*. Search the picture for clothing to wear on a hike. Circle each item as you find it.

Hiker Hal still needs help in deciding what to wear. Separate the items you found hidden in the picture into two lists. Write the items in one list for summer hikes and in one list for winter hikes. (Some items may be used in both lists.) If you need some help, read pages 26-27 in *Brotherhood Campcraft* again.

CLOTHING TO WEAR FOR SUMMER

CLOTHING TO WEAR FOR WINTER

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____

Ropecraft

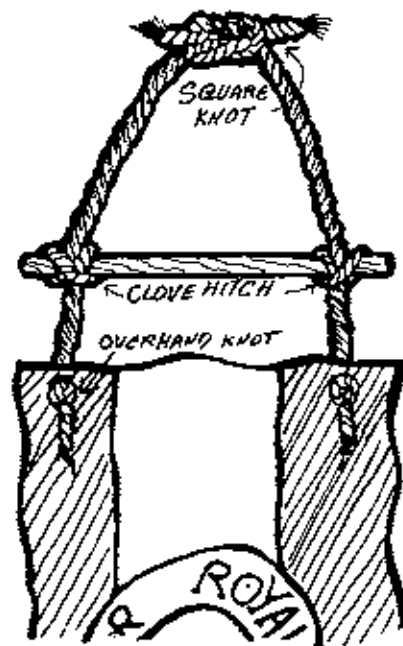
GOING KNOTS

- a. Demonstrate how to tie and use the overhand knot, square knot, and clove hitch.

Knots are useful in campcraft. Outdoorsmen use them in all kinds of ways. To help you learn three knots for Hiker, make the following map, flag, or banner holder for your room or chapter. You will use all three Hiker knots and learn how each has a special use. First read page 44, page 45, and page 49 in your *Brotherhood Campcraft* book and learn to tie the overhand knot, square knot, and clove hitch. Then, using the illustration as a guide, make this easy map, flag, or banner holder. You will need two pieces of rope 1/4-inch thick and a little longer than the width of your hanging, and a stick that is the width of your map, flag, or banner.

1. Use the overhand knot to keep the ends of your rope from slipping through the ring holes of your flag. If you are hanging a map or banner, you must punch two holes in the top corners big enough for the rope to pass through. The overhand is a *stopper knot*. It "stops" the rope from slipping away from the hanging.

2. Use the clove hitch to tie each end of the map, flag, or banner to the stick. A clove



hitch is an *end securing knot*. It keeps the ends of your flag or banner "secure" around the stick. The clove hitch is also used for lashing.

3. Use a square knot to tie the two pieces of rope together at the top of your hanger. A square knot is a *joiner knot*. It "joins" the two loose ends of rope together. It is also used in first aid and for wrapping packages.

10

What other things could you do using the three knots you have learned?
Make a list below:

Square Knot

Clove Hitch

Overhand Knot

HIKER

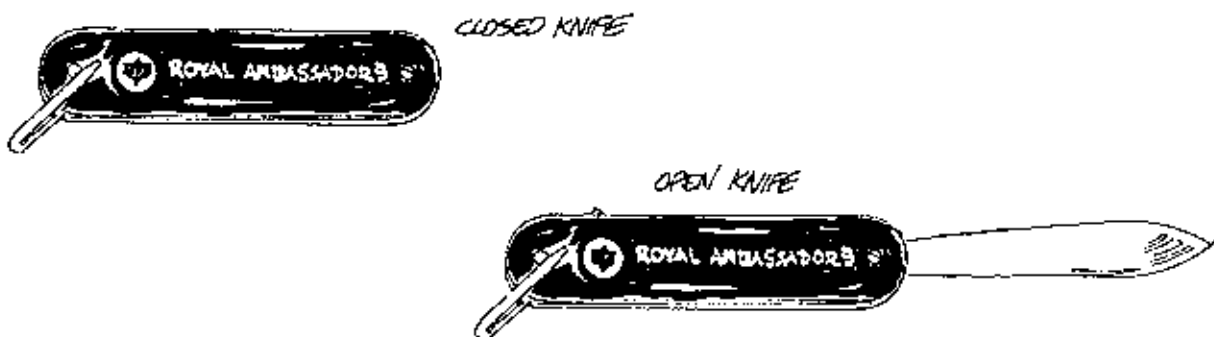
Toolcraft

KNIFE KNOW-HOW

- a. Demonstrate how to open, close, pass, oil, and sharpen a pocketknife.

The knife is one of man's oldest tools. Modern outdoorsmen still depend upon the knife for many useful purposes. But, proper care and handling are needed to get the most out of your tool. Read pages 62-63 in your *Brotherhood Campcraft* book and try the following.

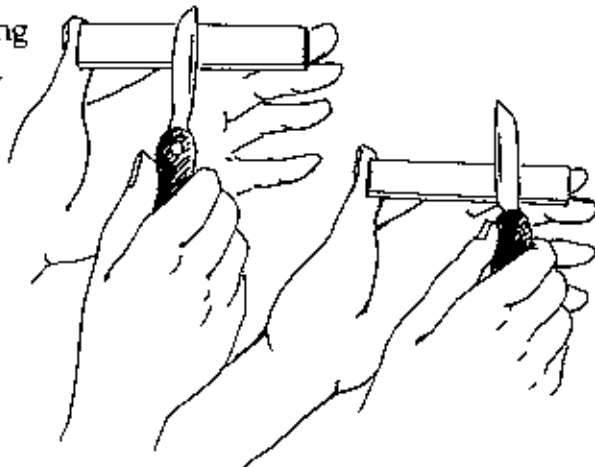
On the drawings below, circle the places you would hold the knife to open and close it. Write under each circle which hand or fingers (right or left) you would use to grasp the knife.



Answer the following questions about knives from *Brotherhood Campcraft*.

1. When passing a knife, it is best to pass the knife _____
(opened, closed)
2. When oiling a knife, use _____ and a clean _____.

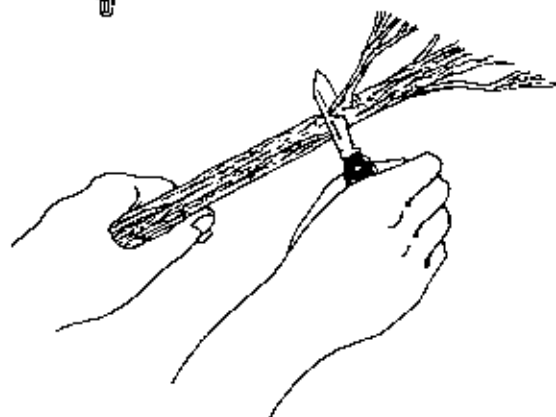
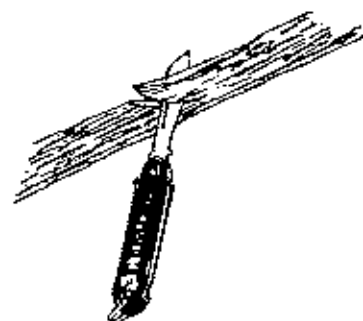
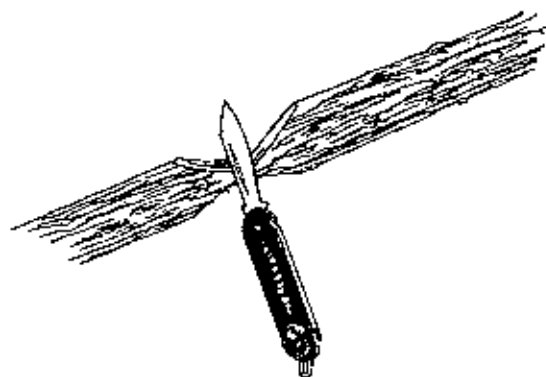
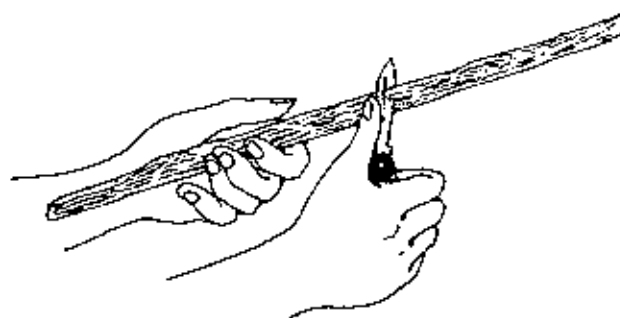
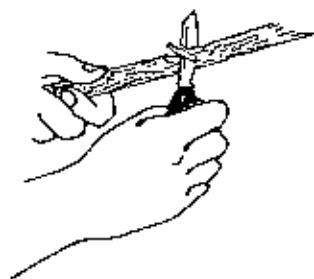
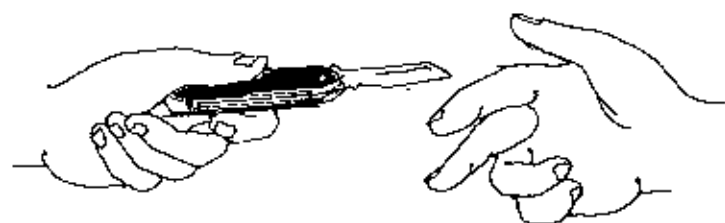
On the drawing below, draw an arrow showing the proper motion used when sharpening a knife. (Make sure you notice which way the blade is facing.)



USING YOUR KNIFE

b. Demonstrate proper use of a knife.

Cross out wrong uses of a knife in the drawings below.





HIKER

Firecraft



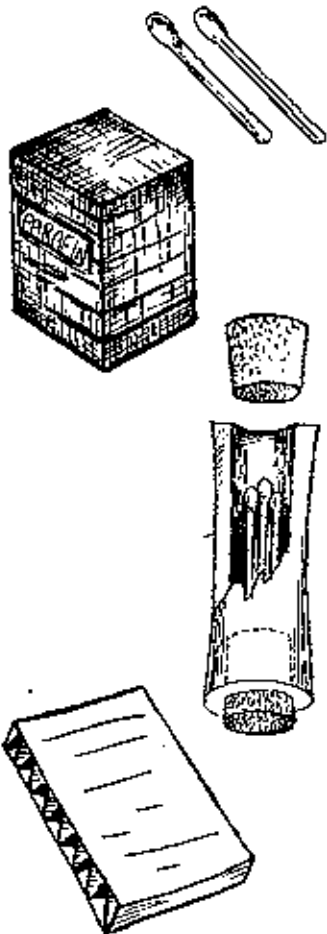
WHAT IS FIRECRAFT?

There is nothing an outdoorsman enjoys or uses more than fire. The fire will warm you, cook tasty food, and make evenings of story telling more fun. But you must learn the hazards and responsibility of using such a powerful friend. The skill of safely controlling fire is called "firecraft." The following will help you learn proper firecraft skills.

MATCH CARE

a. Show that you know the proper care and use of matches.

Read pages 75-76 in *Brotherhood Campcraft*, and match the following pictures to the sentence about proper match care. Draw a line from the drawing to the correct sentence.



1. Use this to make matches waterproof.
2. Use this to keep matches safe when outdoors.
3. These are the best kind of matches for camping.
4. This can be used to hold individual matches.

WHERE IS FIRE SAFE?

b. Help prepare a good, safe place for an outdoor fire.

Option for b, c, and d: Choose and prepare a fire site for charcoal, artificial logs, or canned heat. Show how to light, use, and extinguish the type of fire selected.

A good fire is always built in a safe place. It is the most important skill to learn in firecraft. Read page 72 in *Brotherhood Campcraft*, and circle all of the correct answers in the following sentences.

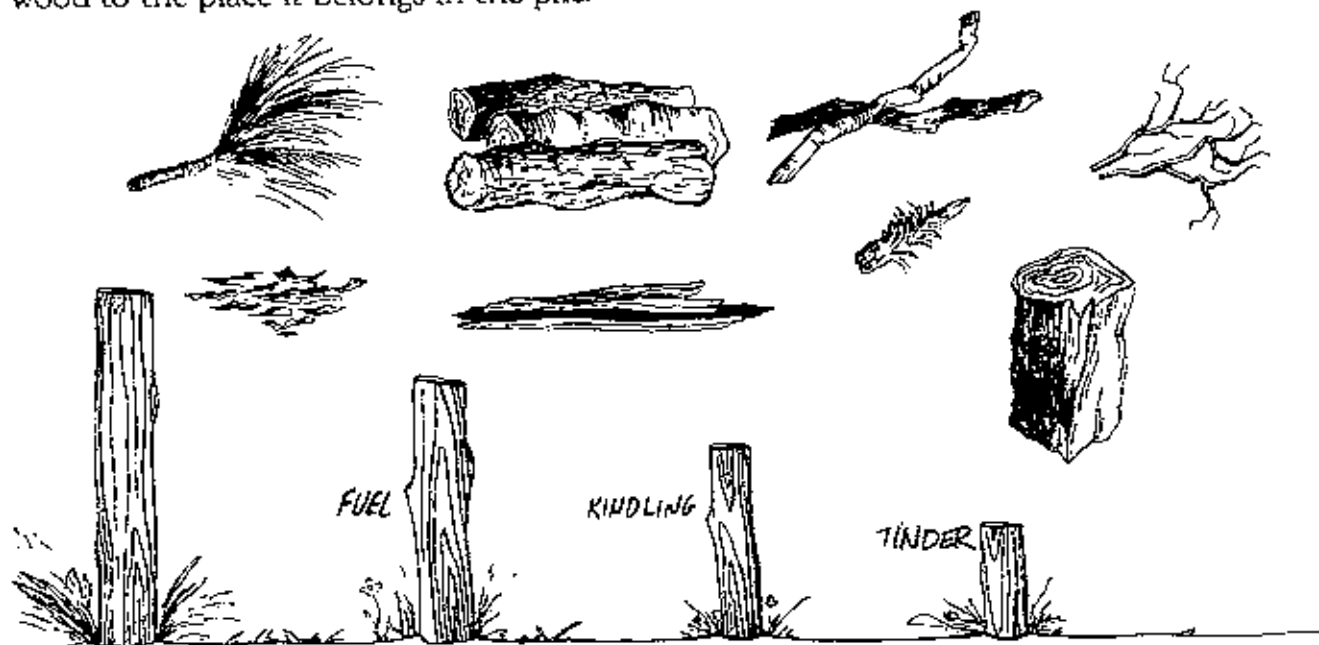
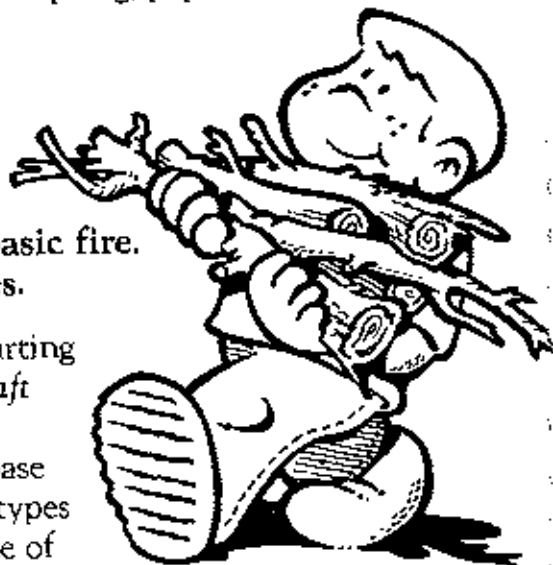
1. The place you choose for your fire site should be under (trees, open sky, lots of rocks).
2. Clear at least a (10-, 12-, 6-) foot circle for your fire.
3. Replace (cans, sod, paper) that you dig up from the circle after you have finished using the fire site.
4. Before starting your fire, have (water, kerosene, wet burlap bag, paper towel, sand, dirt, rocks) nearby.

LIGHTING THE FIRE

c. Gather tinder, kindling, and fuel, and light a basic fire.
Keep the fire burning for at least three minutes.

In firecraft, there are three types of firewood used for starting and keeping a fire. Read pages 72-73 in *Brotherhood Campcraft* to discover them.

Hiker Hal needs some help gathering firewood for his base camp fire. The woodpile (below) is separated into the three types of wood needed in fire building. Draw a line from each piece of wood to the place it belongs in the pile.



Using the information on starting a fire found on page 73 in *Brotherhood Campcraft*, finish the following sentences.

An easy fire is begun by _____

Place a handful of tender on the _____

Strike match with the tip down, then _____

Hold match under the _____

It is poor stewardship to _____



PUTTING OUT THE FIRE

d. Put out the fire properly, and clean up the fire site.

Care of the fire and fire prevention are the responsibilities of the person who lights the fire outdoors. A good outdoorsman knows not only how to light a fire but also how to put it out. Read page 75 in *Brotherhood Campcraft* and put the following steps in order. Write the correct number to the left of each step.

- _____ Test with hands to be sure the fire is out.
- _____ Sprinkle water or dirt onto the fire.
- _____ Replace the sod dug out to make the fireplace.
- _____ Spread the logs and coals.
- _____ Sprinkle water or dirt again onto the fire.

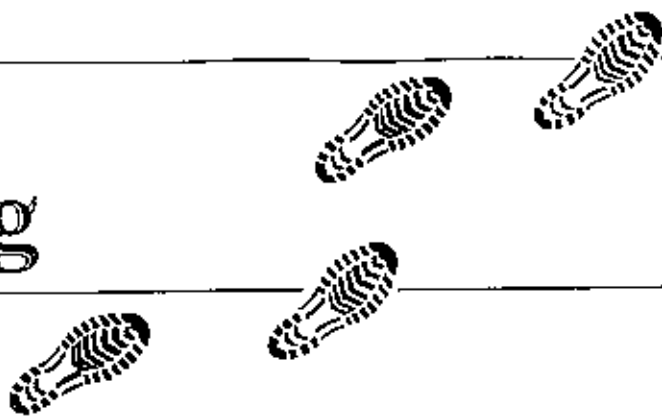
15

[Answers (from top to bottom): 4, 1, 5, 2, 3]

HIKER

Cooking

LET'S EAT!



- a. Cook two items, such as toast and cocoa, or a one-pot dish.

Some folks say the better the food, the better the camping. Cooking requires the two skills of toolcraft and firecraft. Outdoor cooking also calls for planning and preparation. Read page 82 in *Brotherhood Campcraft* to learn more. Try these two recipes if you like.

Hot Cocoa Mix

Combine one 8-quart box of powdered milk, one 16-ounce box of instant chocolate, 6 ounces of powdered cream substitute, and 2 cups of sugar to make a large supply of mix (enough for a whole chapter).

To make one cup of hot cocoa, add three tablespoons of mix to a cup of hot water.

Cinnamon Toast

You will need sliced bread, butter, sugar, and ground cinnamon. Butter one side of the bread. Sprinkle one teaspoon of sugar over the buttered side of bread. Sift a small amount of cinnamon over the sugar (just enough to suit your taste, too much will make your toast bitter). Toast bread over fire on a stick, in a skillet, or in a baker's oven.

Answer the following questions.

1. What did you decide to cook? _____
2. Where did you cook the two items? _____
3. When did you cook the items? _____
4. What did you need to cook them? _____
5. How did they taste? _____

List below other items you could cook using the boiling and toasting method.

Toasting

Boiling

First Aid

WHAT IS FIRST AID?

First aid is the immediate care given to a person who has been hurt or become sick. It can sometimes mean the difference between life and death. An outdoorsman should know first aid to help himself and others when hurt or sick.



BURNS, CUTS, AND BRUISES

- a. Demonstrate a simple, safe remedy for a burn, a cut, and a bruise.

Hiker Hal needs more help. Someone has scrambled his first aid instructions for cuts, burns, and bruises. Help him sort the steps that follow into the proper remedy. Make sure the steps are also in the right order. To give you a hint, on page 92, 93, and 95 in *Brotherhood Campcraft*, you will find the instructions for simple, safe remedies for cuts, burns, and bruises. (A "remedy" is another word for help.)

Write the correct letter of the sentences below on the line of the proper remedy. Make sure the steps are in order.

- a. Place in cold water immediately if skin is still on.
- b. Cover the wound with an adhesive bandage.
- c. Dry the skin.
- d. Take serious burns to a doctor.
- e. Cover with an ice pack or cold compress (cloth).
- f. Cover with a sterile (germ-free) bandage for protection.
- g. Wash a small wound with soap and water.

Remedy for a cut

1. _____
2. _____
3. _____

Remedy for a burn

1. _____
2. _____
3. _____

Remedy for a bruise

1. _____

(Answers: cut—g, c, b; burn—a, f, d; bruise—e)

Safety & Sanitation

ON THE ROAD AGAIN?

a. Show that you know how to hike safely on the open road.

Hiking safety is important when you are outdoors. In *Brotherhood Campcraft*, on page 98, you can find eight suggestions for a safer hike. Look at the picture below and see if you can list the eight things these hikers are doing wrong.



List your findings here:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____

LATRINE, KNOW WHAT I MEAN?



b. Help make a simple latrine.

A latrine is the camper's version of a restroom. A restroom outdoors? You may have heard strange stories from your great grandparents about something called an outhouse or outdoor restroom. The latrine works on the same principle. There are some important instructions in locating and building a latrine. Read page 99-100 in *Brotherhood Campcraft* to find out more. Then, answer the following questions.

1. How far should a latrine be located from a swimming or water supply? _____
2. How far should a latrine be located from camp? _____
3. How deep should a latrine be? _____
4. What rope skill would come in handy when making a latrine? _____
5. What camping tool should be near every latrine? _____

SAFETY FIRST!

c. Use good safety practices in all skills for Hiker.

No matter where you are, or what campcraft skills you do, always use good safety practices. Write a paragraph below explaining how safety is important in all the skills you learn in Hiker. Give examples of ways you practice campcraft safety.

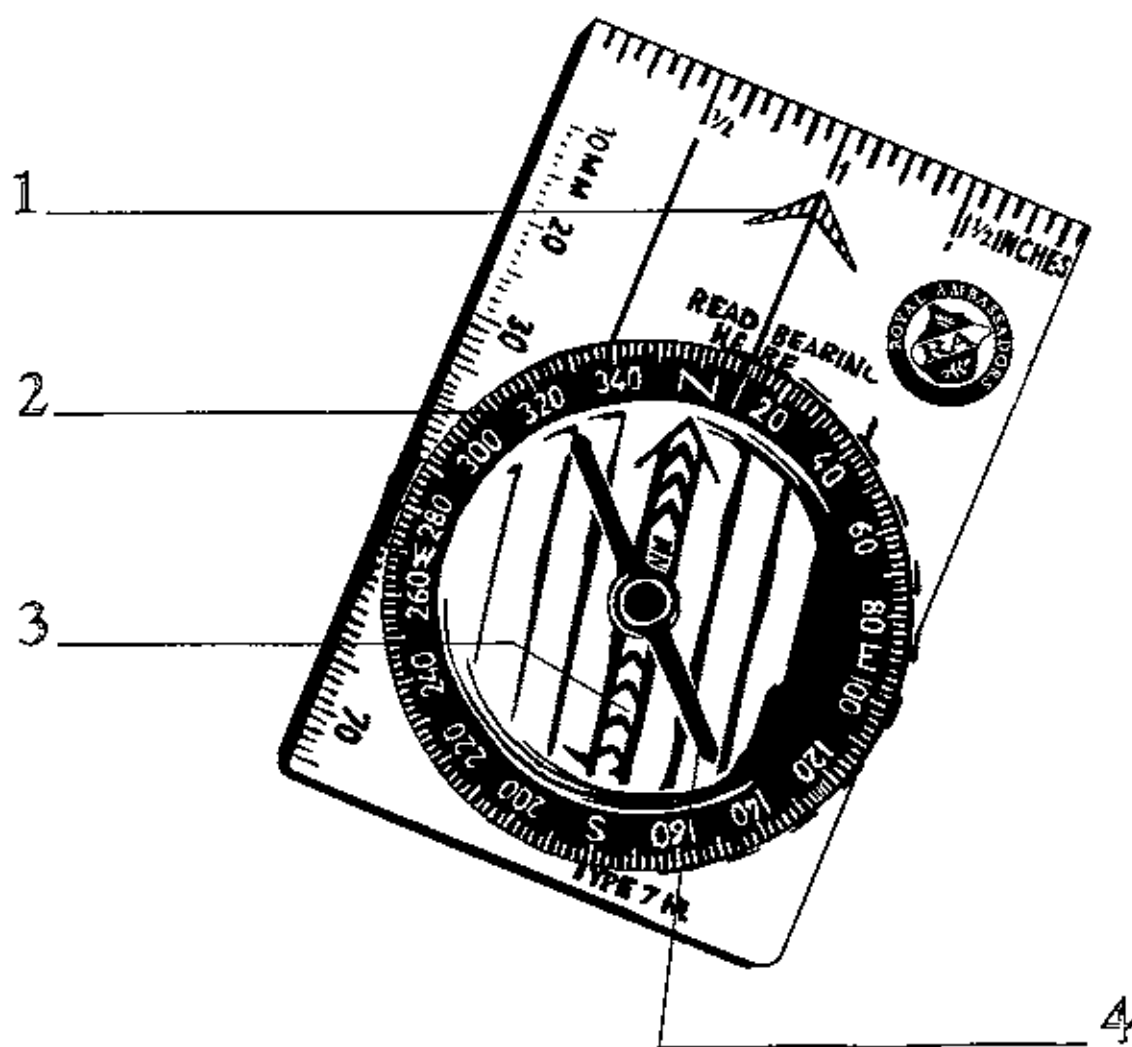
HIKER

Map and Compass

KNOW YOUR COMPASS

a. Know the parts of a compass.

Early pioneers used the stars to guide them through the woods. Today we have something better—a compass. A compass is a device that can show you the proper direction when hiking outdoors. Read pages 104-105 in *Brotherhood Campcraft* and learn the parts of a compass. Write the names of the parts on the drawing below.



SETTING AND SIGHTING

b. Know how to set and sight a compass to designated objects.

The first skill to learn with a compass is how to hike in a straight path. Sound easy? It is with a compass. Without a compass, a hiker can get mixed up and follow the "lay of the land" or hills and valleys. Wandering like this is a quick way into trouble. Learning to set and sight a compass will help you travel safely outdoors. Read pages 106-109 in your *Brotherhood Campcraft* book. You will quickly learn the useful skill of setting and sighting your compass. Then, using your compass, answer the questions below.

Which bearing is east? _____ Which point of the compass is at 180° ? _____

Which bearing is northeast? _____ Which point of the compass is at 135° ? _____

Which bearing is west? _____ Which point of the compass is at 225° ? _____

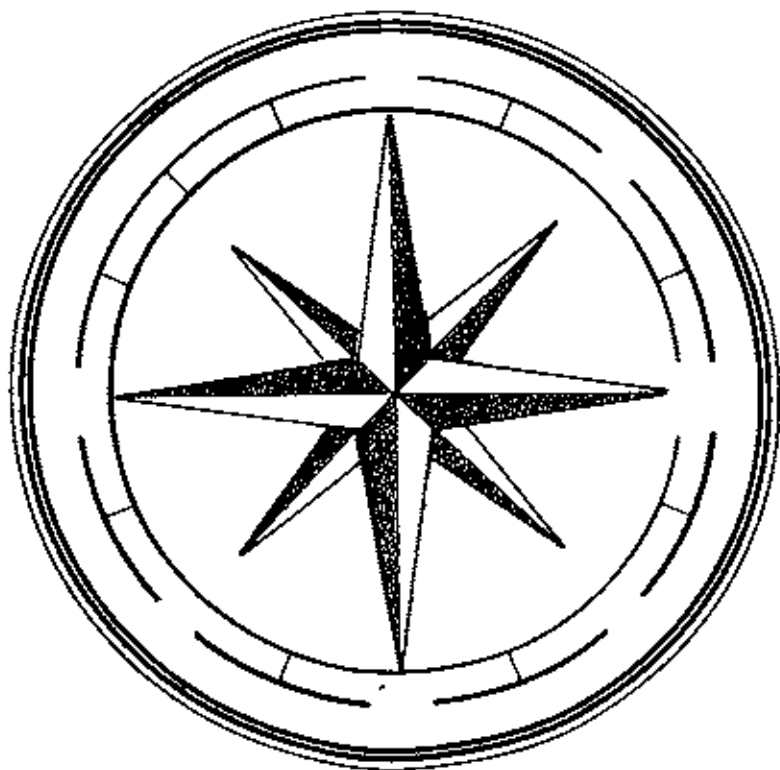
Which bearing is southeast? _____ Which point of the compass is at 360° ? _____

Which bearing is north? _____ Which point of the compass is at 315° ? _____

Which bearing is southwest? _____ Which point of the compass is at 270° ? _____

Which bearing is northwest? _____ Which point of the compass is at 45° ? _____

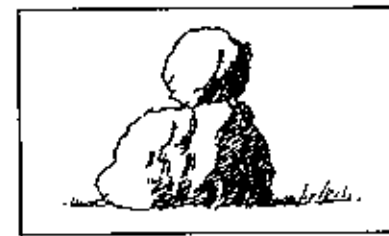
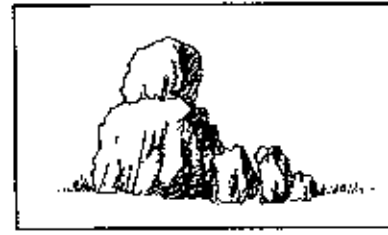
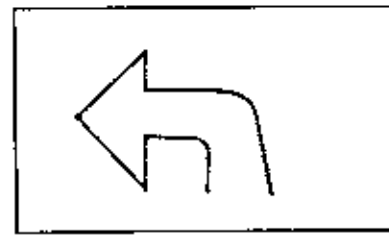
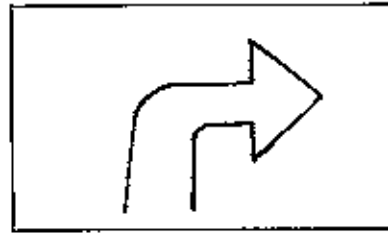
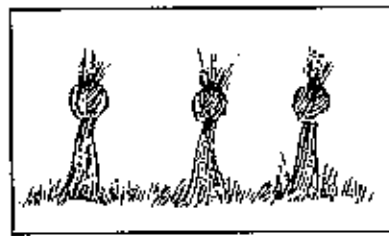
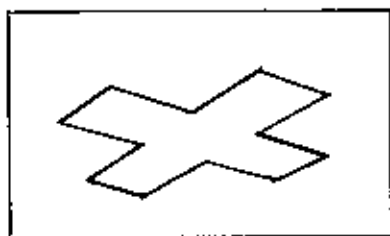
Which bearing is south? _____ Which point of the compass is at 90° ? _____



ON YOUR MARKS!

c. Be able to follow simple trail signs.

Hiker Hal is confused. He knows how to mark trail signs with chalk, grass, and rocks, but he can't remember what they mean. Read page 104 in *Brotherhood Campcraft* and write the meaning under each trail sign.



Nature Study

KNOW YOUR PLANTS

a. Identify two harmful plants.

Circle the plants below that are harmful. Refer to page 120 in *Brotherhood Campcraft* if you need help.



KNOW YOUR ANIMALS

b. Identify two harmful animals.

Circle the animals below that are harmful. Refer to pages 120-121 in *Brotherhood Campcraft* if you need help.



HIKER

Conservation

CONSERVATION PLEDGE

a. Learn the conservation pledge and show that you understand it.

Conservation is a word that means "save" or "protect." When we use the word in camping, we mean to protect the outdoors. List below some of the ways people have destroyed the outdoors.

1. _____
2. _____
3. _____

Hiker Hal has found a secret message but needs a code to read it. See if you can use the code to discover the hidden message.



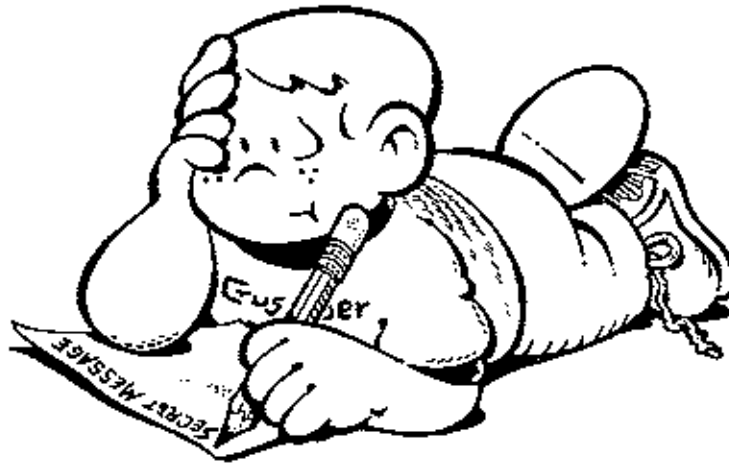
PROTECTION FIRST

b. Demonstrate good conservation practices in all requirements for Hiker.

Read pages 138-141 and write two practices you will try to follow in each of the following areas.

- | | | |
|------------------|-------|-------|
| 1. Conservation | _____ | _____ |
| | _____ | _____ |
| 2. Campsite | _____ | _____ |
| | _____ | _____ |
| 3. Good Neighbor | _____ | _____ |
| | _____ | _____ |
| 4. Fire | _____ | _____ |
| | _____ | _____ |
| 5. Soil | _____ | _____ |
| | _____ | _____ |
| 6. Water | _____ | _____ |
| | _____ | _____ |
| 7. Plants | _____ | _____ |
| | _____ | _____ |
| 8. Wildlife | _____ | _____ |
| | _____ | _____ |

A=1	J=10	S=19
B=2	K=11	T=20
C=3	L=12	U=21
D=4	M=13	V=22
E=5	N=14	W=23
F=6	O=15	X=24
G=7	P=16	Y=25
H=8	Q=17	Z=26
I=9	R=18	



9 7 9 22 5 13 25

16 12 5 4 7 5 1 19 1 14 1 13 5 18 9 3 1 14

20 15 19 1 22 5 1 14 4 6 1 9 20 8 6 21 12 12 25 20 15

4 5 6 5 14 4 6 18 15 13 23 1 19 20 5 20 8 5

14 1 20 21 18 1 12 18 5 19 15 21 18 3 5 19 15 6

13 25 3 15 21 14 20 18 25 9 20 19 1 9 18 19 15 9 12

1 14 4 13 9 14 5 18 1 12 19 9 20 19

6 15 18 5 19 20 19 23 1 20 5 18 19

1 14 4 23 9 12 4 12 9 6 5



Turn to page 132 in *Brotherhood Campcraft* to discover what this secret message is. It is called the _____.

HIKER

Fun and Worship

PLAY A GAME/SING A SONG

- a. Learn a game or song that boys of other countries, or areas of this nation, play or sing. Use this on a hike with your chapter.

A few games and hiking songs are listed on page 140-144 of *Brotherhood Campcraft*. Learn one of them.

Answer the following questions.

1. What game or song did you learn? _____
2. Where did you play or sing it? _____
3. Who participated with you? _____



MISSIONS STORY

- b. Share a missions story on a hike with your chapter.



Use your *Crusader* magazine to find a missions story, and tell it on a hike with your chapter. You may wish to bring a copy of *Crusader* magazine with you on your hike. Make sure you bring it back with you after the hike is over.

Write the date on which you told the missions story. _____

Write the place where you told the story. _____

Write the name of the story you told. _____

Write the part you liked best in the story. _____

If you have completed all the requirements for Hiker, you are now allowed to wear the Hiker patch. You may now begin your campcraft journey to Camper. See you there!



HIKER Checklist



Date _____
Checked by _____

1. TRIP PLANNING

- _____ a. Plan and carry out with the chapter a combined one-mile hike and cookout. Demonstrate the required skills below.
- _____ b. Keep a log of this trip.
- _____ c. Discuss what to do when lost.
- _____ d. Afterward, discuss the hike with your chapter, telling the bad and good points. Use this discussion to help in future trip planning.

2. EQUIPMENT AND SHELTER

- _____ a. Show that you know how to dress properly to go on a hike.

3. ROPECRAFT

- _____ a. Demonstrate how to tie and use the overhand knot, square knot and clove hitch.

4. TOOLCRAFT

- _____ a. Demonstrate how to open, close, pass, oil, and sharpen a pocketknife.
- _____ b. Demonstrate proper use of a knife.

5. FIRECRAFT

- _____ a. Show that you know the proper care and use of matches.
- _____ b. Help prepare a good, safe place for an outdoor fire.
- _____ c. Gather tinder, kindling, and fuel, and light a basic fire. Keep the fire burning for at least three minutes.
- _____ d. Put out the fire properly and clean up the fire site. (*Option for b, c, and d: Choose and prepare a fire site for charcoal, artificial logs, or canned heat. Show how to light, use, and extinguish the type of fire selected.*)

Date _____ Checked by _____

6. COOKING

_____ a. Cook two items, such as toast and cocoa, or a one-pot dish.

7. FIRST AID

_____ a. Demonstrate a simple, safe remedy for a burn, a cut, and a bruise.

8. SAFETY AND SANITATION

_____ a. Show that you know how to hike safely on the open road.

_____ b. Help make a simple latrine.

_____ c. Use good safety practices in all skills for Hiker.

9. MAP AND COMPASS

_____ a. Know the parts of a compass.

_____ b. Know how to set and sight a compass to designated objects.

_____ c. Be able to follow simple trail signs.

10. NATURE STUDY

_____ a. Identify two harmful plants.

_____ b. Identify two harmful animals.

11. CONSERVATION

_____ a. Learn the conservation pledge and show that you understand it.

_____ b. Demonstrate good conservation practices in all requirements for Hiker.

12. FUN AND WORSHIP

_____ a. Learn a game or song that boys of other countries, or areas of this nation, play or sing. Use this on a hike with your chapter.

_____ b. Share a missions story on a hike with your chapter.

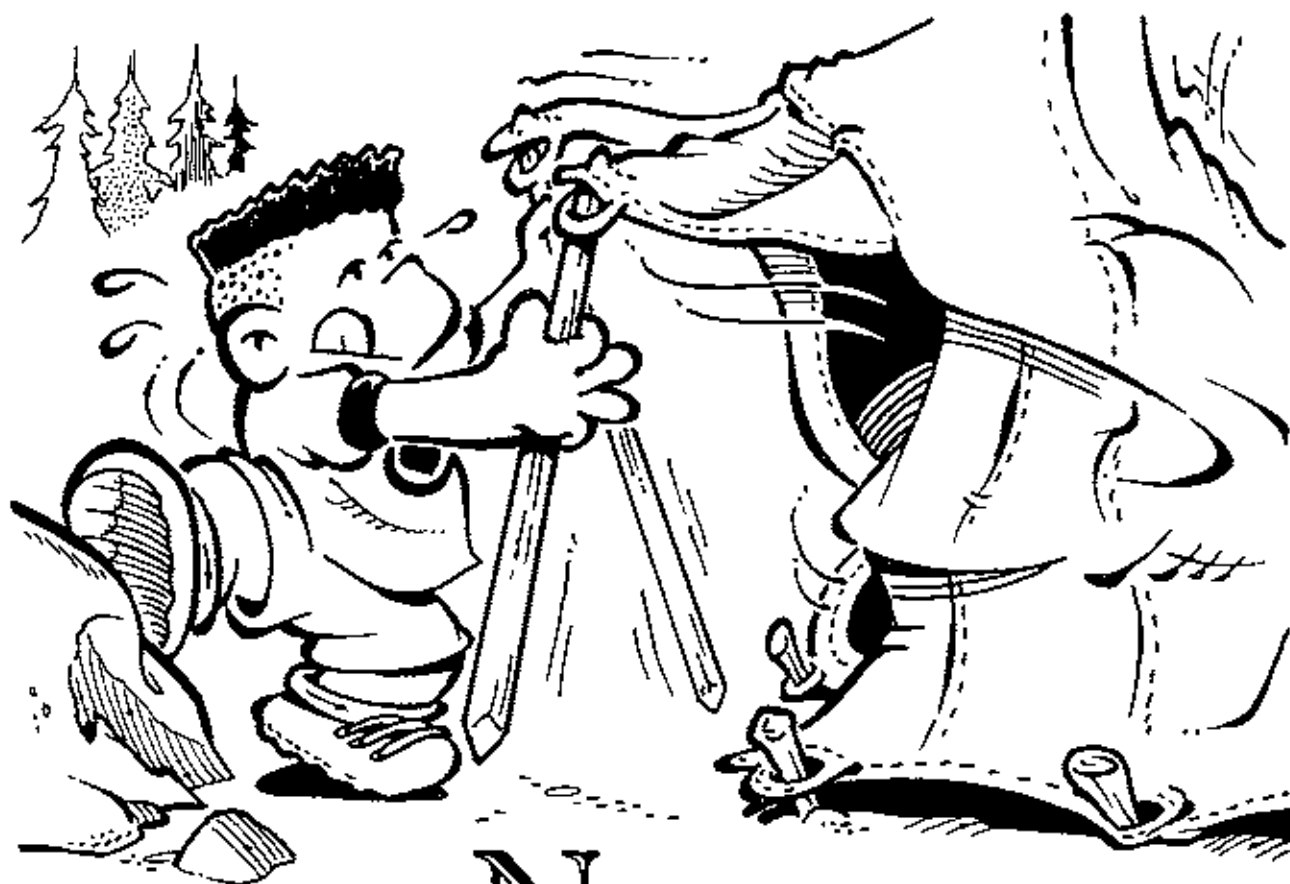
_____ has completed the requirements for Hiker and may now wear the Hiker patch.

Date completed: _____ Signed _____

Counselor

PART 2:

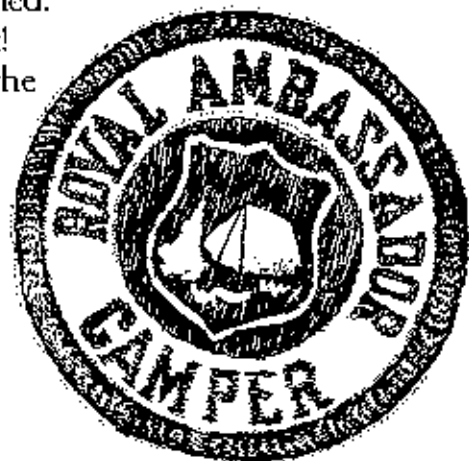
CAMPER SKILLS



Now that you have learned Hiker skills, it's time for another challenge—Camper. To camp you need to know how to pitch a tent, cook whole meals outdoors, select sleeping bags, and many more skills. You will learn these skills on your way to Camper.

Camper is also divided into 12 areas. Each area has different requirements to learn. Many of the skills build on things you have already learned. Soon you will be ready for your first overnight camp out! The Camper Checklist is found on page 50. As you do the requirements, ask your counselor to write the date and his initials on page 51. The checklist will help you keep track of how much you have done.

Let's begin our campcraft journey to Camper.



CAMPER

Trip Planning

LONGER TRIPS

- a. Participate in two one-day hikes or a one-night camp with your chapter using all camper skills below.

Now that you have learned hiking skills, it's time to take longer trips. However, you may want to wait until you learn a few of the skills in Camper before you try this requirement.

Just as you learned in Hiker, planning is the first step to a fun outdoor adventure. Review what you learned about planning by reading pages 16-19 in your *Brotherhood Campcraft* book again. Then fill in the blanks of the following sentences.

Our chapter has decided to go on a camp out (or hikes) at _____
(location)

While we are there, we are going to _____
(purpose for going)

We divided into planning groups, and I'm on the _____ team.
(food, equipment, travel, games/activities)

As a member of this team, I am responsible for: (list your responsibilities)



SAWING OUT MORE LOGS

- b. Keep a log of one trip.



You have already learned that a log isn't always a piece of wood. A log is also a diary to keep a record of your trip. Camping adventures are fun to write about. Try to make your log exciting. While you are on the camp out (or hikes) you planned above, write the story of your camping adventure. Include the following:



Name of your chapter: _____

Date of your trip: _____

Names of those who went: _____

Write the story of your trip here:

List some of the wildlife you noticed on your trip. _____

List some of the camping skills you learned. _____

Write about any humorous or fun happenings on the trip. _____

List some things you will be sure to bring next time. _____

EVALUATION



c. Afterward, discuss this trip, telling the good and bad points. Use this discussion to plan other trips.

Camping trips require evaluation just like hiking trips do. Thinking about and remembering past trips helps you plan better ones. To guide your evaluation, answer the following questions:

1. Names of those present when you discussed your trip: _____

2. List good points of the trip below:

3. List bad points of the trip below:

4. How will you improve your trip next time? _____

Equipment and Shelter

CAMPING EQUIPMENT

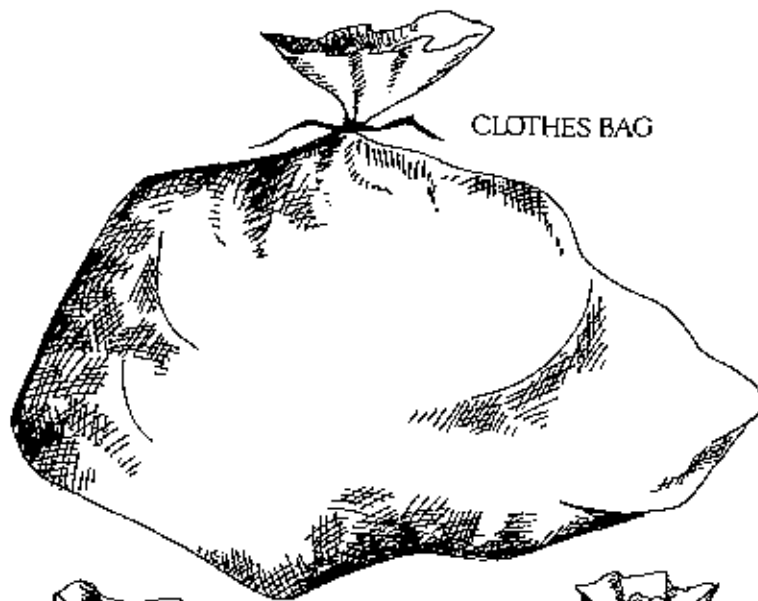
- a. Show that you know how to select and pack the proper equipment for a one-night camp.

Every camper uses bags to keep things organized. Camper Karl is trying to get his equipment together for his first camp out. Help him select the proper gear. Below you will find a list of items he wants to pack. Put the number of the item Karl should take in the correct bag. Check your answers by turning to page 28 in your *Brotherhood Campcraft* book.

1. extra pants
2. extra handkerchiefs
3. flashlight bulb and batteries
4. paper and pencil
5. washcloth
6. safety pins
7. pajamas, sweatsuit, or sleeping underwear
8. comb
9. soap in a box
10. lip ice
11. insect repellent
12. extra underwear
13. extra socks
14. small package of facial tissues
15. extra shoelaces
16. plate and/or bowl
17. 20 feet heavy cord
18. small can of foot powder
19. extra shirt
20. toothbrush
21. toothpaste or powder
22. buttons
23. metal mirror
24. extra matches in container
25. needles and thread
26. hand towel
27. One pair moccasins or tennis shoes to wear around camp



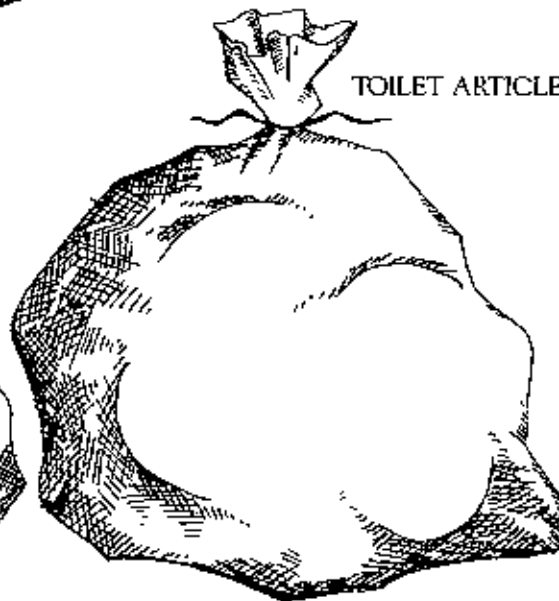
28. extra plastic or cloth bags
29. knife, fork, spoon
30. whetstone
31. waterproof tape
32. unbreakable cup



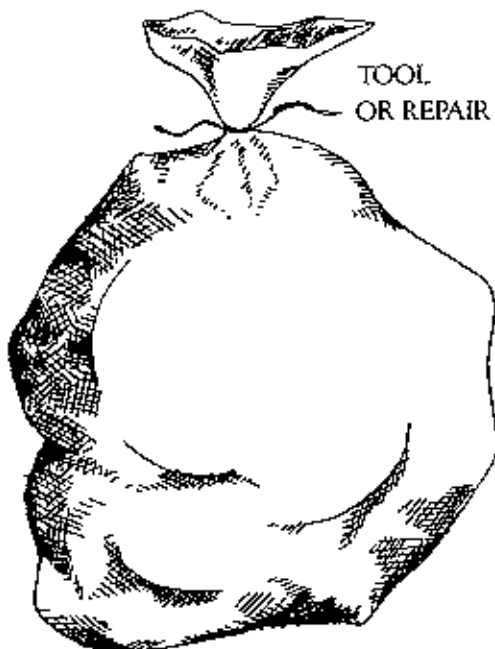
CLOTHES BAG



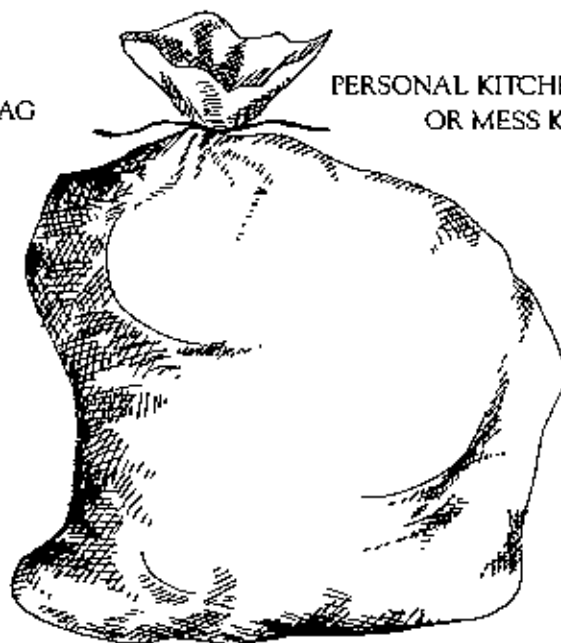
SHOE BAG



TOILET ARTICLE BAG



TOOL
OR REPAIR BAG



PERSONAL KITCHEN BAG
OR MESS KIT

CARRYING YOUR BED

b. Show that you know how to provide suitable bedding.

Sleeping outdoors is fun, IF you have the right kind of bed. Read pages 29-31 in *Brotherhood Campcraft* to learn more about bedding. Then circle the correct answer in the following questions.

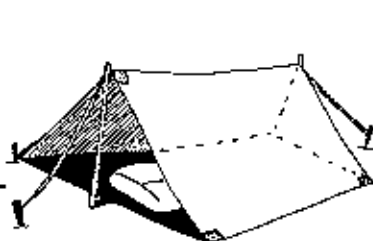
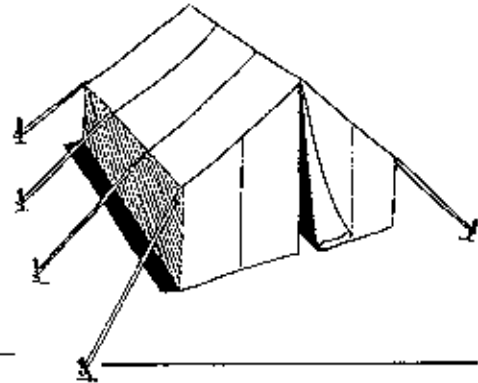
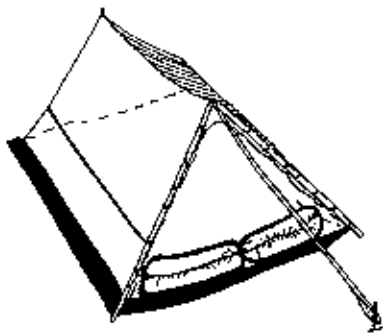
1. Making an envelope bed with one blanket requires (four, three) folds.
2. Making an envelope bed with two blankets requires (two, six) folds.
3. For added comfort, dig small (holes, tunnels) for your hips and shoulders.
4. The (shape, case) of a sleeping bag can be mummy or rectangular.
5. The outer covering of a sleeping bag should be (waterproof, water repellent).
6. A (heater, ground cloth) is a must for any sleeping bag.

(Answers: 1. three, 2. six, 3. holes, 4. shape, 5. water repellent, 6. ground cloth)

TENTS UP!

c. Help pitch a wall, pup, or other type of tent.

Pitching a tent doesn't mean to toss it like a baseball. It means to set up or build a tent shelter. There are many types of tents. Each one requires a different setup. Write the name of the following five tents under each drawing below. After you name each tent, write a few sentences about how you think this tent might be set up. Turn to pages 32-33 in your *Brotherhood Campcraft* book to check your answers.



Ropecraft

KNOTS, KNOTS, KNOTS

- a. Demonstrate how to tie and use a joiner knot, a taut line hitch, a stopper knot, a loop knot, and an end-securing knot. These should be knots which have not been learned previously.

Did you know knots had families? Well, they do. When several knots have the same type of purpose they are grouped together in families. We learned some of the families in Hiker. We found that each knot we learned had a different purpose. To help you meet more members of each of the knot families, try the following test. If you need help, turn to pages 44-51 in *Brotherhood Campcraft* to check your answers.

Draw a line from each knot below to the correct family of knots.

Knots	Family	Knots
Square	End-securing	Bowline
Overhand	Loop knot	Sheet bend
Half-hitch	Joiner	Surgeon's
Lariat	Stopper	Running bowline
Fisherman's Clove Hitch	Taut line (tight line)	Taut line hitch
Figure Eight		Timber hitch
Double overhand		Carrick bend



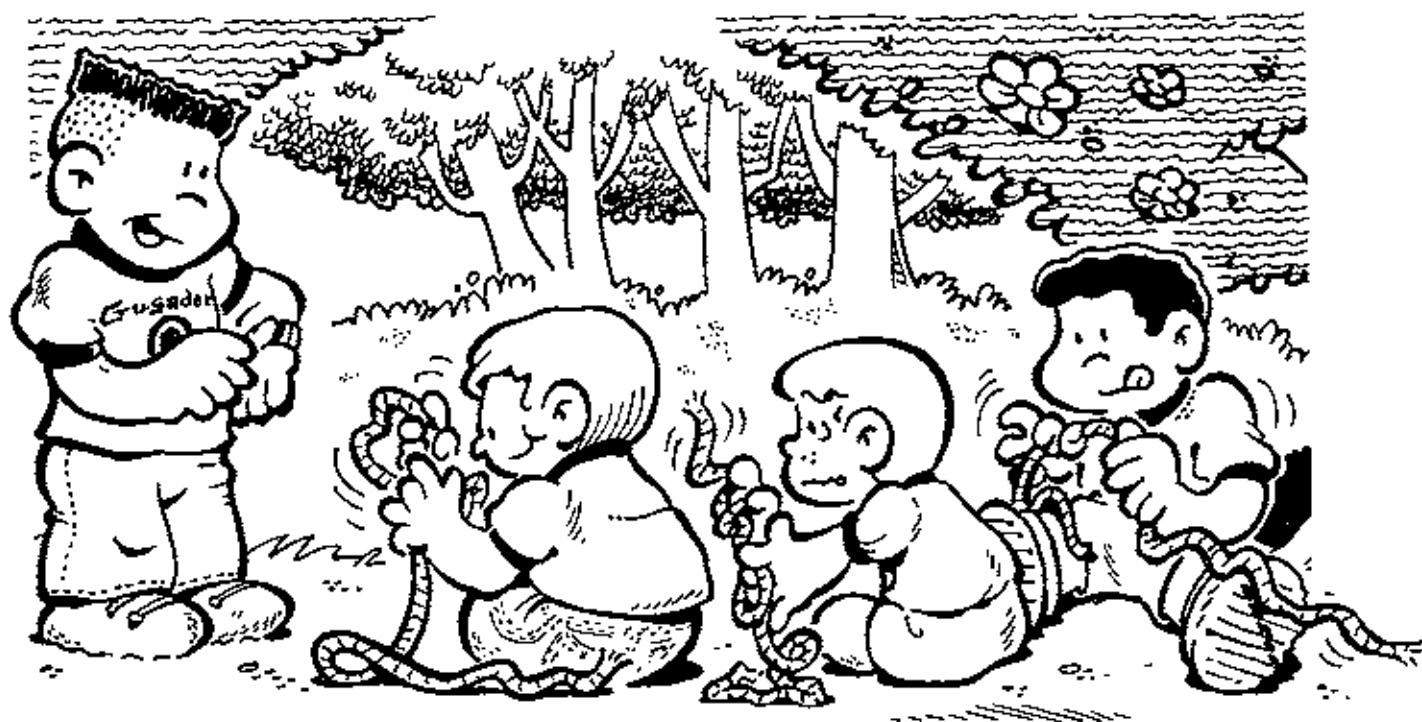
WHIP IT?



b. Whip the ends of a rope.

You won't whip a rope when it refuses to mind you. Nor will you use the rope in campcraft as a whip to "snap." When you whip a rope, you prevent the end from being frayed. To learn how this is done, read page 42 in your *Brotherhood Campcraft* book. Then try this test. Using a watch with a "second" hand, or a stop watch, see how fast you can whip the end of a rope. Practice each week for three weeks and keep your score below. See if you can "whip" the score from the week before.

Week 1 time: _____ Week 2 time: _____ Week 3 time: _____



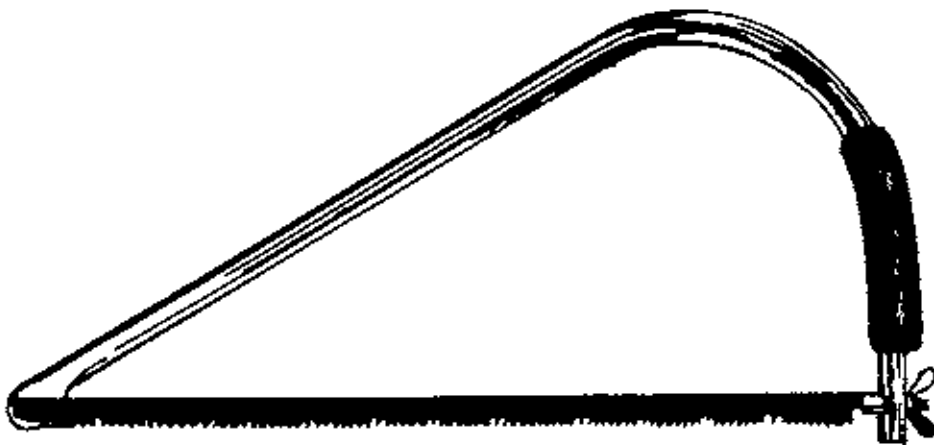
Toolcraft

YOU SAW IT

a. Demonstrate the proper care and use of a bow saw.

Saws are much easier to use outdoors than any other cutting tool. Read page 69 in *Brotherhood Campcraft* and fill in the blanks below.

1. When saws are not in use, cover the blade with a _____.
2. The _____ saw may be made out of aluminum and is light weight.
3. The commonly called _____ saw is a small bow saw.
4. The larger _____ saw can cut a larger diameter of wood and may be used by two campers on either end.
5. Using a bow saw and _____ is one of the easiest methods of cutting logs.



(Answers: 1. sheath, 2. folding, 3. trim, 4. bow, 5. sawbuck)

Firecraft

FIRE CONTROL

- a. Know and explain fire safety and control for your locality.

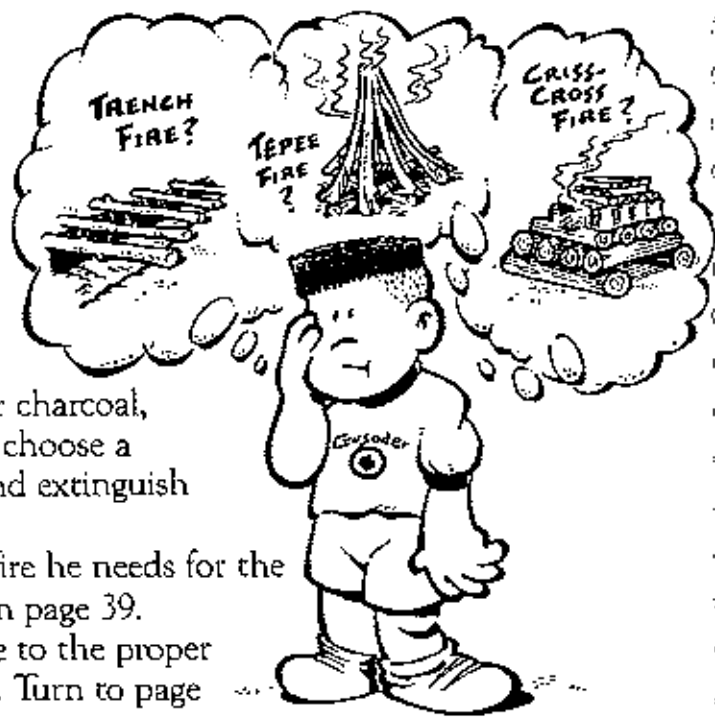
Every area of the country has different rules about fire and fire safety outdoors. Ask your counselor, or call a local forest service, to find out the rules in your area. In the space below, write a brief paragraph explaining fire safety and control for your area.




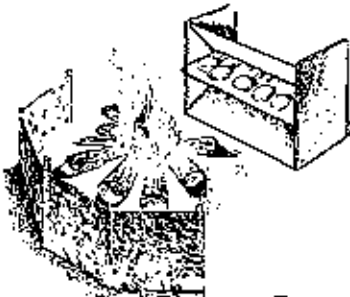

DIFFERENT FLAMES

- b. Show that you can build two types of fires, such as, crisscross, tepee, or charcoal fires and that you know when they are used.

Option for b, c: Choose and prepare a fire site for charcoal, artificial logs, or canned heat (if done for Hiker, choose a different type of fire). Show how to light, use, and extinguish the type of fire selected.

Camper Karl is trying to decide which kind of fire he needs for the coming camp out. Look at the three columns on page 39. Draw connecting lines from the name of the fire to the proper drawing, and then to the proper use for the fire. Turn to page 74 in *Brotherhood Campcraft* to check your answers.



Name of fire	The way it is built	Uses
Bean hole		Use this fire on a windy day.
Crisscross		Use this fire for a campfire program.
Reflector		Use this for a quick hot fire.
Trench		Use this fire to bury a pot in coals.
Tepee		Use this fire with aluminum foil to throw heat into ovens.

CLEAN UP

c. Put out your fire properly and clean up the fire site.

Just as you learned in Hiker, fires should be put out properly.

Why do you think this is important? _____

What do you think would happen if you left your fire site unclean?

What can you do to help others understand their part in outdoor fire safety?

OUTDOOR CHEF

b. Plan and cook a well-balanced meal using these same two types of cooking.

A well-balanced meal uses the four basic food groups as the starting place for planning. The four groups are: Breads and Cereals, Meat and Fish, Vegetable and Fruit, and Milk and Cheese. Use the form that follows to plan a well-balanced meal. Use the recipes found in *Brotherhood Campcraft* if possible. Use at least two different ways of cooking.

My Camper Menu



Type of meal: _____

How many people are eating? _____

Food from the breads and cereals group you will eat: _____

Food from the vegetable, fruit, or juice group you will need: _____

Food from the meat, fish, chicken, or high protein group you will eat: _____

Food from the milk and cheese group (you may combine this in recipe) you will eat:

Dessert you will eat: _____

How much of each item will you need? (Base this on the number of people eating with you.) Make your grocery list below:

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Cooking



SOMETHING'S COOKING

- a. Cook successfully using two different types of cooking—broiling, baking, boiling, or frying.

You learned in Hiker that the better the food, the better the camping. You also learned that outdoor cooking calls for planning and preparation. Read pages 82-84 in *Brotherhood Campcraft* for some easy recipes. Choose two types of cooking you haven't tried before.

Answer the following questions.

1. What items did you decide to cook? _____
2. Where did you cook the two items? _____
3. What did you need to cook the two items? _____
4. How did it taste? _____

List below some foods you could cook using the frying, baking, and broiling methods.

Frying

Baking

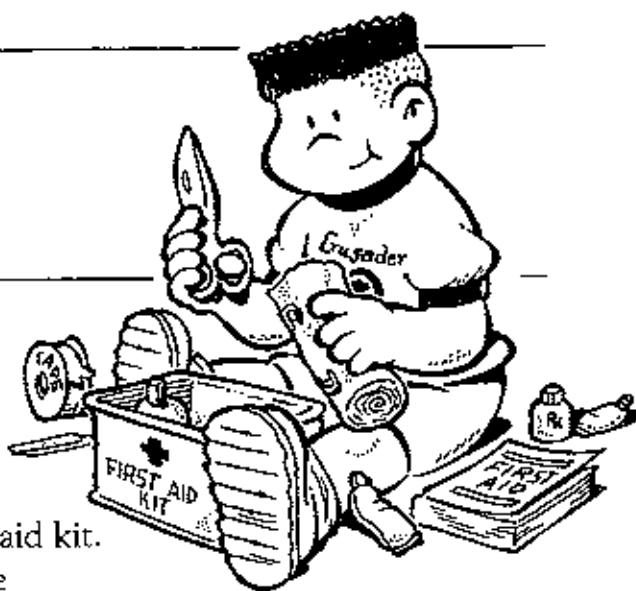
Broiling

_____	_____	_____
_____	_____	_____

First Aid

FIRST AID KIT

- a. Help assemble or update a chapter first aid kit.



Help Camper Karl assemble his chapter first aid kit. Read page 92 in *Brotherhood Campcraft*, and circle the hidden words found in the puzzle below.

S	L	S	J	I	J	O	P	B	E	C	X	S	Y	K
A	T	D	F	H	O	P	O	Z	O	O	D	N	B	G
F	W	I	S	M	N	Q	U	T	G	A	Q	A	X	F
E	E	A	B	V	M	A	T	J	Q	D	P	K	W	O
T	E	D	A	I	G	O	N	L	G	H	C	E	X	O
Y	Z	N	W	J	N	E	R	S	O	E	G	B	F	T
P	E	A	S	B	E	C	V	M	A	S	A	I	H	P
I	R	B	A	D	X	O	A	S	C	I	U	T	S	O
N	S	L	L	S	S	T	P	I	G	V	Z	E	R	W
S	L	E	D	U	C	R	S	K	K	E	E	K	W	D
S	B	B	G	H	I	S	P	D	H	T	P	I	U	E
C	O	I	E	N	O	T	A	F	R	A	A	T	W	R
T	M	S	C	R	D	B	O	X	E	P	D	W	V	G
B	A	P	S	Y	O	V	S	Y	K	E	S	W	E	N
K	X	D	O	A	N	T	I	S	E	P	T	I	C	U

(* An aspirin substitute may be better.)

(Answers: gauze, gauze pads, Band-Aids, matches, needle, scissors, snake bite kit, safety pins, tweezers, cotton balls, swabs, adhesive tape, soap, antiseptic, foot powder, aspirin*)

CAMPER

Safety and Sanitation

KEEPING IT CLEAN

- a. Show that you know how to keep your cooking utensils clean in outdoor cooking.

Washing dishes and cooking tools is one of the most important activities on a camp out.

If you know the right way to wash them, it takes little time and is really fun. Read page 101 in *Brotherhood Campcraft* to learn the best way to a clean outdoor kitchen. Then put the following instructions in the right order by writing the number of the correct step beside each sentence.

- _____ Rinse in hot water.
- _____ Scrape out food.
- _____ Hang in air to dry.
- _____ Rinse again in boiling water.
- _____ Wash with soapy water.



GARBAGE DUMP

- b. Demonstrate proper disposal of garbage.

Remember this slogan, "When in doubt--Pack it out!"

Read page 102 in *Brotherhood Campcraft* to discover what this slogan is about. Write what you think about it below.

ANOTHER LATRINE?

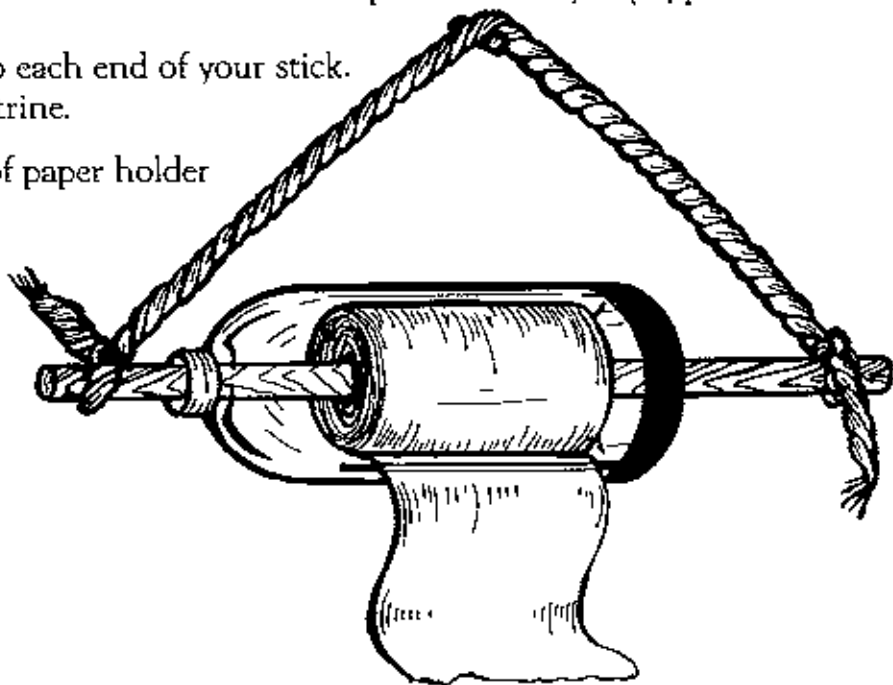


c. Help make a chapter latrine at camp.

Use your Hiker knowledge again to make a chapter latrine. Read pages 99-100 in *Brotherhood Campcraft* if you need help remembering. Try making this easy craft for your chapter latrine. You will need one stick, a plastic 3-liter soft drink bottle (the kind that the bottom pops off), a roll of toilet paper, and one piece of rope. Look at the drawing below and follow the simple instructions.

1. Pop the end off of the plastic soft drink bottle and remove the cap.
2. If the end you removed from the bottle doesn't have a hole in the center of it, make a hole large enough for the stick to go through.
3. Carefully cut a hole large enough for the toilet paper roll to be inserted in the bottom of the bottle
4. Cut a small slit (about 8 inches) in the side of the bottle.
5. Push the stick through the mouth of the bottle.
6. Put the toilet paper on the stick and inside the bottle.
7. Thread the paper through the slit in the bottle and replace the end you popped off in step 1.
8. Tie each end of the rope to each end of your stick.
9. Hang near your chapter latrine.

You will now have a weatherproof paper holder for your latrine.



44 SAFETY FIRST!

d. Use good safety practices in all skills for Camper.

List below some of the safety practices you used in your camping experiences.

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

Map and Compass

WATCH YOUR STEP!

- a. Show that you know the length of your pace and how to use it in compass work.

With a compass, a pace is when you take two steps. Sometimes a pace is called a "stride." Knowing the length of your pace can be useful. It will help you make measurements outdoors. Read pages 109-110 in *Brotherhood Campcraft* to find out more about measuring distance outdoors.

Answer the following questions.

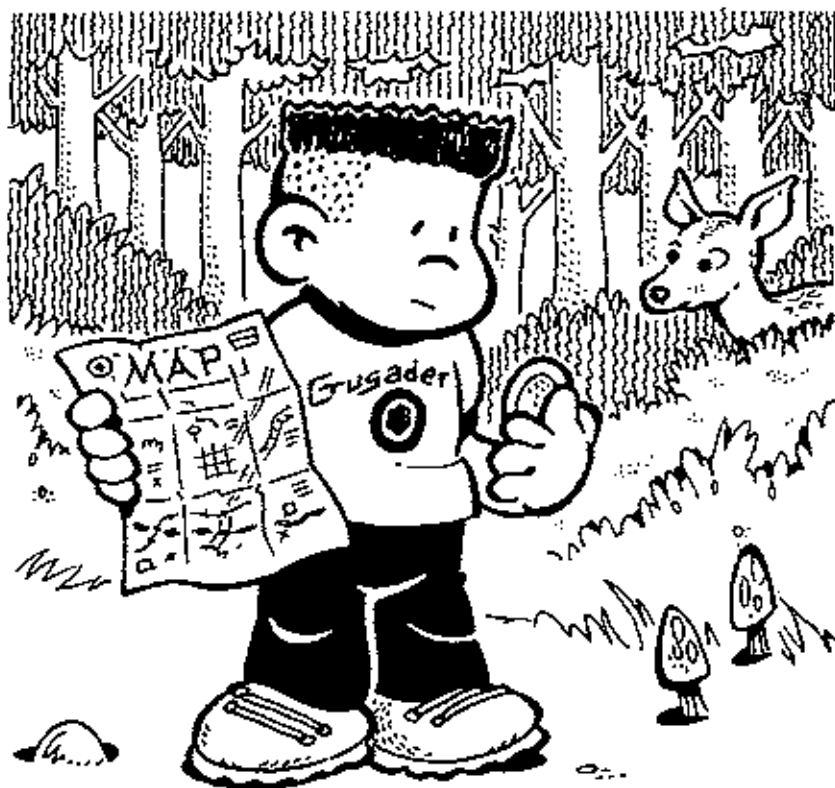
1. What is the length of your pace? _____
2. How could you use this knowledge in compass work? _____

Define the following words.

1. Timing measurement:

2. Mental measurement:

3. Stepping measurement:



FOLLOW YOUR COURSE



b. Show that you know how to follow a course with a compass.

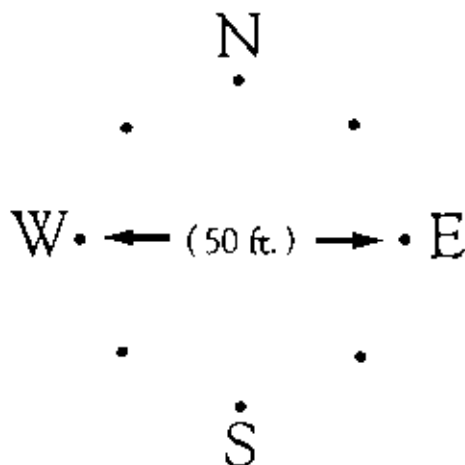
A compass course is a list of directions telling you where to go. But this list gives directions in ways only your compass can use. It's like telling your compass where you want to go and then following the direction it gives you.

Follow the steps below, answer the questions, and you will follow a compass course of your own. You should be in a large open area to try this. You will need eight stakes you can easily see.

Read pages 104-109 in *Brotherhood Campcraft* again. This will help you answer the questions.

1. In the outdoor area, find the direction north and drive one of the stakes in the ground. This will be your "home base." Face south from your home base and drive the other stakes in the ground as pictured below. Make sure the stakes are 50 feet across from each other. This will form a large circle. How would you make this measurement without a tape measure? _____

(Hint: Look at requirement "a." in Camper Map and Compass.)



2. Stand beside the stake that is north or "home base."
3. Using your compass skills, find the stake closest to 205 degrees. On the drawing above, draw a line to that stake and then walk to it.
4. From your new position, find the stake closest to 45 degrees. On the drawing above, draw a line to that stake and then walk to it.
5. From your new position, find the stake closest to 270 degrees. On the drawing above, draw a line to that stake and then walk to it.
6. From your new position, find the stake closest to 135 degrees. On the drawing above, draw a line to that stake and then walk to it.
7. From your new position, find the stake closest to 335 degrees. On the drawing above, draw a line to that stake and then walk to it.
8. You will find that you have made an interesting path. What object does your path make? Write your answer here: _____

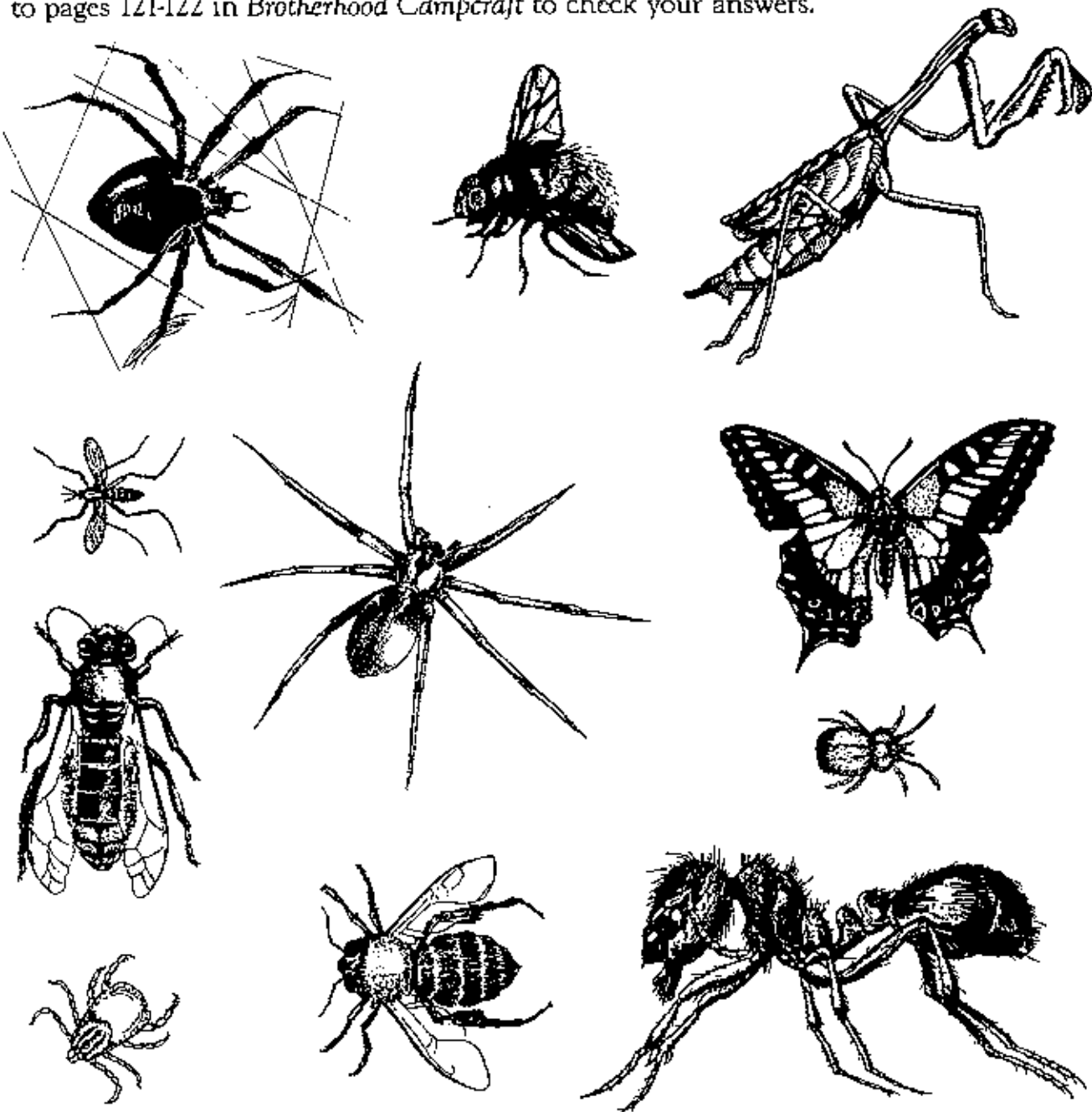
CAMPER

Nature Study

WHAT BUGS YOU?

- Identify two harmful insects.
- Identify two helpful insects.

Cross out the insects below that are harmful. Circle the insects that are helpful. Refer to pages 121-122 in *Brotherhood Campcraft* to check your answers.



CAMPER

Conservation

PROJECTS

- a. Learn about and/or visit a private, state, or federal conservation project, such as a fish hatchery, tree farm, or game refuge.

Field trips to outdoor conservation projects are fun. You can learn many things about the outdoors from them. Visit a project. After your visit, fill in the blanks below.

What was the name of the place you visited? _____

What were the names of the people who went with you?

What was the most important thing you learned while you were there?

WHY HAVE A PROJECT?

- b. Tell why it is needed.



After your visit to a conservation project, write a paragraph below that explains why you think the project is needed.

CAMPER

Fun and Worship

HIKING SONG



- a. Share on the trip a good hiking song about the outdoors.

More hiking songs are listed on pages 140-144 of *Brotherhood Campcraft*. Learn one of them.



Answer the following questions.

1. What song did you learn? _____
2. Where did you sing it? _____
3. Who participated with you? _____

MISSIONS STORY



- b. Learn and share a good missionary story which could be used around a camp fire.

Use your *Crusader* magazine to find a missions story, and share it on a camp out with your chapter. You may wish to bring a copy of *Crusader* magazine with you. Make sure you bring it back home after the camp out is over.

Write the date on which you told the missions story. _____

Write the place where you told the story. _____

Write the name of the story you told. _____

Write the part you liked best in the story. _____

If you have completed all the requirements for Camper, you are now allowed to wear the Camper patch. You may now begin your campcraft journey to Woodsman. See you there!



CAMPER Checklist



- | Date | Checked by | |
|-------|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| _____ | _____ | 1. TRIP PLANNING |
| _____ | _____ | a. Participate in two one-day hikes or a one-night camp with your chapter using all Camper skills below. |
| _____ | _____ | b. Keep a log of one trip. |
| _____ | _____ | c. Afterward, discuss this trip, telling the good and bad points. Use this discussion to plan other trips. |
| _____ | _____ | 2. EQUIPMENT AND SHELTER |
| _____ | _____ | a. Show that you know how to select and pack the proper equipment for a one-night camp. |
| _____ | _____ | b. Show that you know how to provide suitable bedding. |
| _____ | _____ | c. Help pitch a wall, pup, or other type of tent. |
| _____ | _____ | 3. ROPECRAFT |
| _____ | _____ | a. Demonstrate how to tie and use a joiner knot, a taut line hitch, a stopper knot, a loop knot, and an end-securing knot. These should be knots which have not been learned previously. |
| _____ | _____ | b. Whip the ends of a rope. |
| _____ | _____ | 4. TOOLCRAFT |
| _____ | _____ | a. Demonstrate the proper care and use of a bow saw. |
| _____ | _____ | 5. FIRECRAFT |
| _____ | _____ | a. Know and explain fire safety and control for your locality. |
| _____ | _____ | b. Show that you can build two types of fires such as: crisscross, tepee, or charcoal fires, and that you know when they are used. |
| _____ | _____ | c. Put out your fire properly and clean up the fire site. (<i>Option for b, c: Choose and prepare a fire site for charcoal, artificial logs, or canned heat (if done for Hiker, choose a different type of fire). Show how to light, use and extinguish the type of fire selected. Use, and extinguish the type of fire selected.</i>) |



6. COOKING

- _____ _____ a. Cook successfully using two different types of cooking—
broiling, baking, boiling, or frying.
- _____ _____ b. Plan and cook a well-balanced meal using these same two
types of cooking.

7. FIRST AID

- _____ _____ a. Help assemble or update a chapter first aid kit.

8. SAFETY AND SANITATION

- _____ _____ a. Show that you know how to keep your cooking utensils clean
in outdoor cooking.
- _____ _____ b. Demonstrate proper disposal of garbage.
- _____ _____ c. Help make a chapter latrine at camp.
- _____ _____ d. Use good safety practices in all skills for Camper.

9. MAP AND COMPASS

- _____ _____ a. Show that you know the length of your pace and how to
use it in compass work.
- _____ _____ b. Show that you know how to follow a course with a compass.

10. NATURE STUDY

- _____ _____ a. Identify two harmful insects.
- _____ _____ b. Identify two helpful insects.

11. CONSERVATION

- _____ _____ a. Learn about and/or visit a private, state, or federal conser-
vation project, such as a fish hatchery, tree farm, or game
refuge.
- _____ _____ b. Tell why it is needed.

12. FUN AND WORSHIP

- _____ _____ a. Share on the trip a good hiking song about the outdoors.
- _____ _____ b. Learn and share a good missionary story which could be used
around a camp fire.

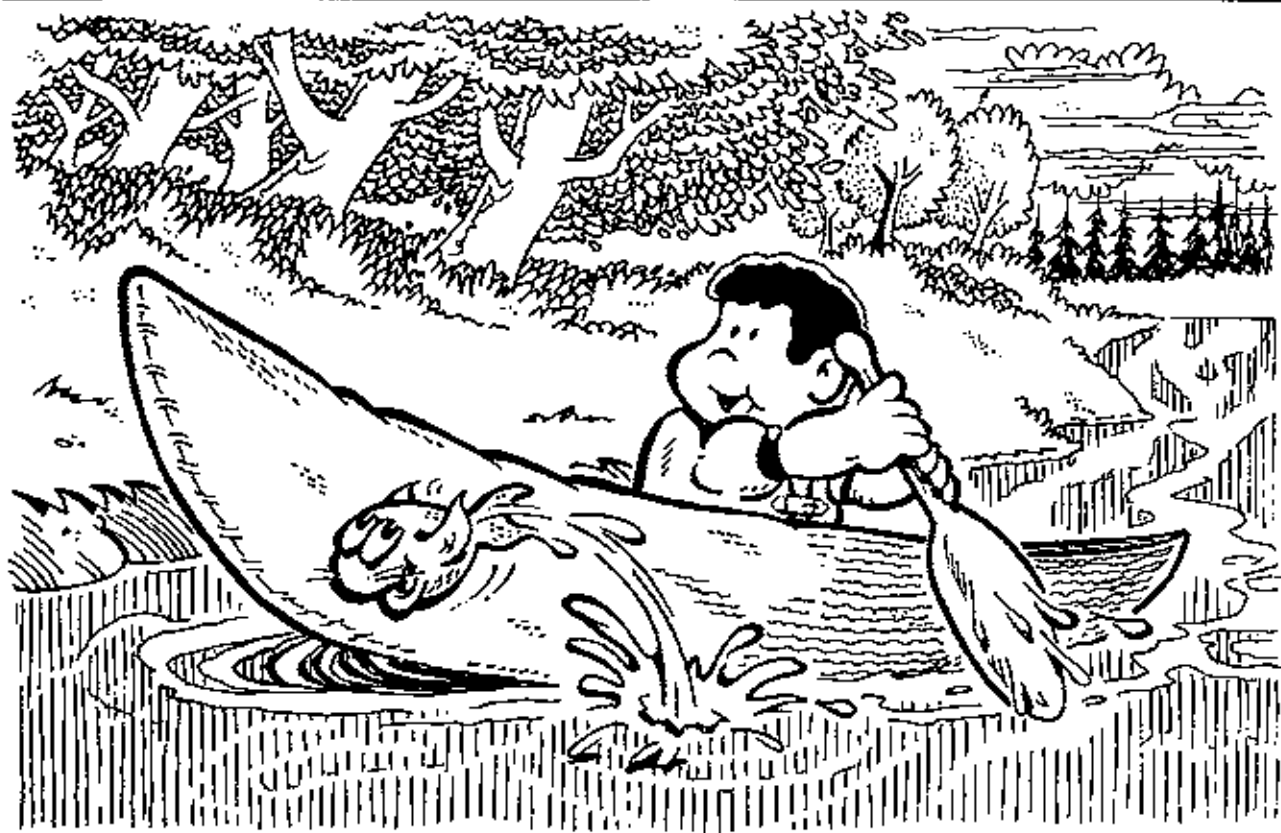
_____ has completed the requirements for Camper
and may now wear the Camper patch.

Date completed: _____ Signed _____
Counselor





WOODSMAN SKILLS

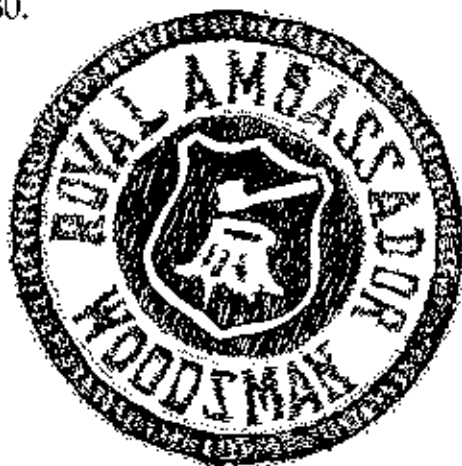


Woodsman is your final stop on your campcraft trail. It is the highest level of campcraft for Crusaders. You will add more advanced skills to your knowledge of hiking and camping.

As with other campcraft levels, Woodsman is divided into 12 parts with requirements. The Woodsman Checklist is found on page 80. As you do the requirements, ask your counselor to write the date and his initials on page 80. The checklist will help you keep track of how much you have done.

Soon you will be at the top of your Crusader campcraft adventure.

Let's get started on Woodsman!



Trip Planning

CAMPING TRIPS



- a. Participate in two one-night camps with your chapter using all Woodsman skills.

Well, camper, you're almost ready for some "heavy duty" camping experiences. Read through the requirements on the Woodsman Checklist. Decide which skills you want to learn before you go on your next camp outs. Then decide which skills you will learn during your trip. Write them in the two lists below.



Woodsman Requirements
Before Camping Trips



Woodsman Requirements
During Camping Trips

As with your other hiking and camping experiences, planning is important. Answer the following questions.

Our chapter has decided to go on a camp out at _____ and _____ .
(locations)

While we are there, we are going to _____ and _____ .
(purposes for going)



We divided into planning groups, and I'm on the

_____ team and the _____ team.
(food, equipment, travel, games/activities)



As a member of this team, I am responsible for: (list your responsibilities)

Camp out 1

Camp out 2

ROLLING OUT ANOTHER LOG

b. Keep a log of each trip.

You're getting pretty good at writing logs of your trips. Take a few minutes and write about what happened on your latest outdoor adventures.

CAMP OUT 1

Name of your chapter: _____

Date of your trip: _____

Names of those who went: _____

Write the story of your trip here:

What did you eat? _____

What did you like best about your _____

What did you like least about your trip? _____

List some of the wildlife you noticed on your trip. _____

Write about any humorous or fun happenings on the trip. _____

List some things you will be sure to bring next time. _____

CAMP OUT 2

Name of your chapter: _____

Date of your trip: _____

Names of those who went: _____

Write the story of your trip here:

What did you eat? _____

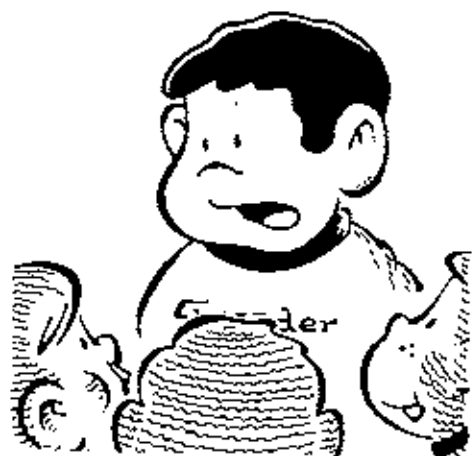
What did you like best about your trip? _____

What did you like least about your trip? _____

List some of the wildlife you noticed on your trip. _____

Write about any humorous or fun happenings on the trip. _____

List some things you will be sure to bring next time. _____



TALK ABOUT IT

- c. Afterward, discuss the first trip, telling the good and bad points. Use this discussion to plan the second and other trips.

Answer the following questions:

CAMP OUT 1

1. Names of those present when you talked about your trip.

2. List good points of the trip below:

3. List bad points of the trip below:

4. What will you do differently on your next trip? _____

CAMP OUT 2

1. Names of those present when you talked about your trip.

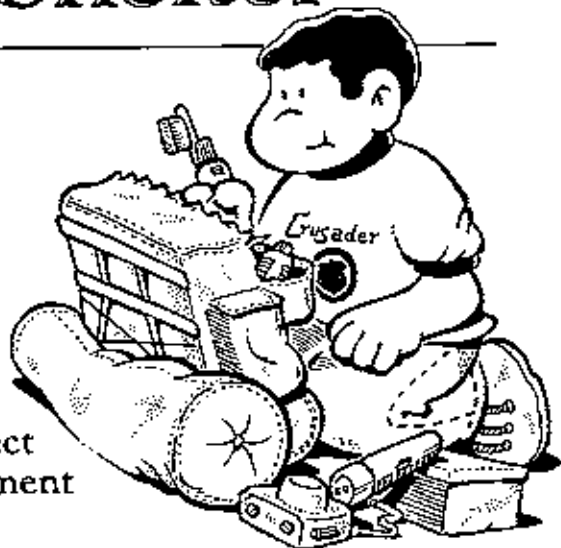


2. List good points of the trip below:

3. List bad points of the trip below:

4. What would you like to do on your next trip? _____

Equipment and Shelter



BACKPACK FACTS

- a. Demonstrate that you know how to select and properly pack your gear and equipment for an overnight camp.

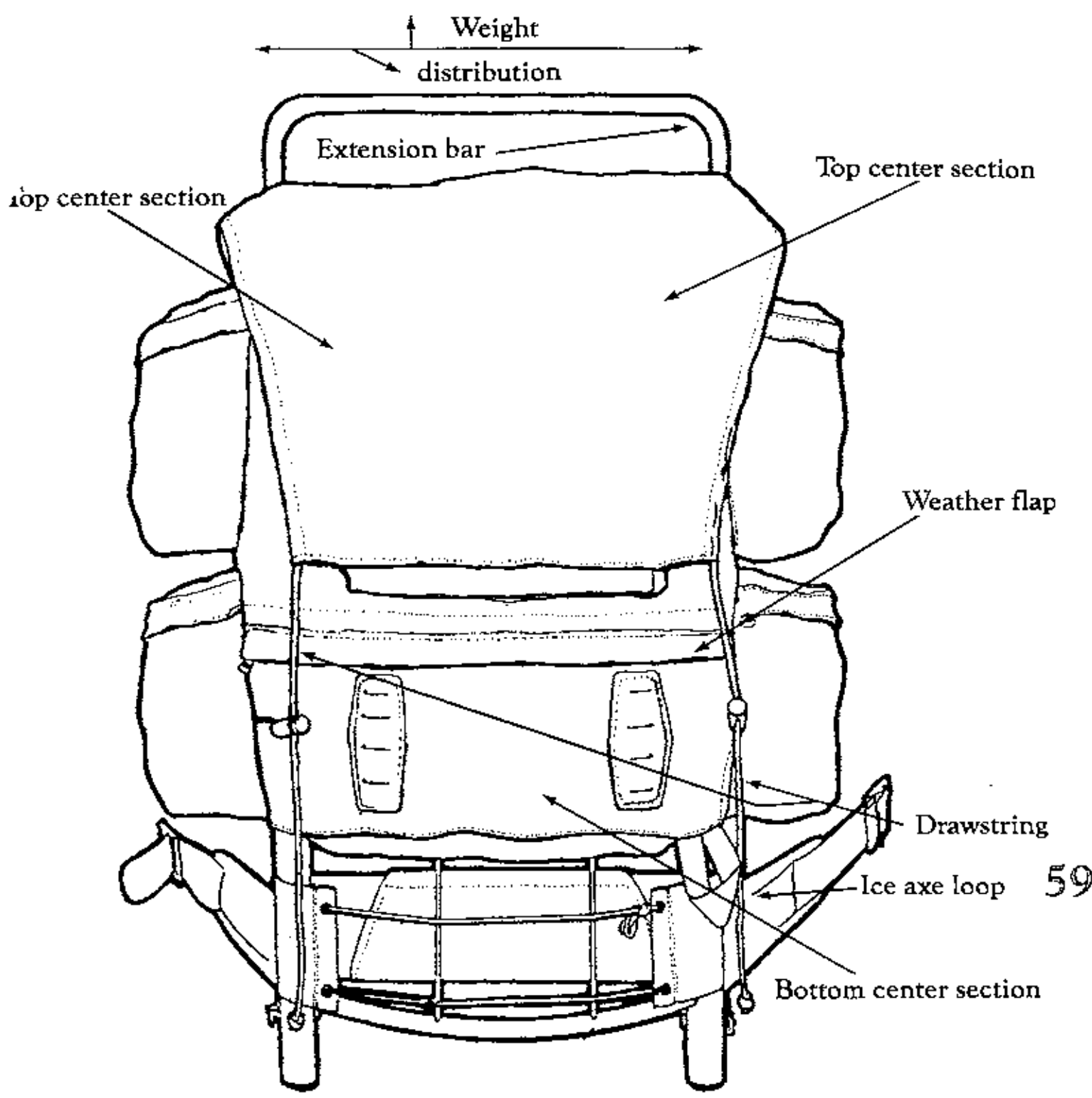
Woodsman Will is packing his new backpack for the first time. Read pages 35-39 in your *Brotherhood Campcraft* book. Then pack Woodsman Will's backpack below. Notice the names of the items that should be packed are in a list below. Choose and write the name of the item in the proper location in the pack. Turn to page 37 in *Brotherhood Campcraft* to check your answers.

Packing List:

tent poles
towel
toilet paper
cooking gear
stove
fuel
large water bottle
bag (unburnable garbage)
trail snacks
salt tablets
meat bars
camp shoes
poncho
set of heavy clothing
(cold weather)

ground sheet
tent
food
plastic bags
nylon cord
small water bottle
fruit drink mix
film can of halazone tablets
suntan lotion
foot powder
rubbing alcohol
bug dope
lip balm
sheath knife
camera

film
tripod
clothing
toilet articles
sun glasses
fire permit
notebook
extra batteries
first aid kit
compass
matches
socks
bag for dirty socks
mattress
sleeping bag.



A REAL SITE

- b. Show that you know how to select, prepare, and leave in good order a tent site.

You can learn about choosing a good tent site by reading page 34 in *Brotherhood Campcraft*. Choose the correct tent site in the drawing below. Draw a picture of your tent in this area.



ANOTHER TENT PITCH

- c. Pitch a tent.

Find the instructions that came with your tent. Explain in the space below how you would pitch your tent.

60

MAKE KIT FOR YOURSELF

- d. Make a piece of equipment for your own use, such as a ground cloth, survival kit, fishing kit, poncho, etc.

You can make many helpful kits to take with you on camp outs. Try this suggestion.

Outdoor Survival Kit

You will need:

plastic 35mm film can
fishing line
fish hooks
duct tape
wooden safety matches

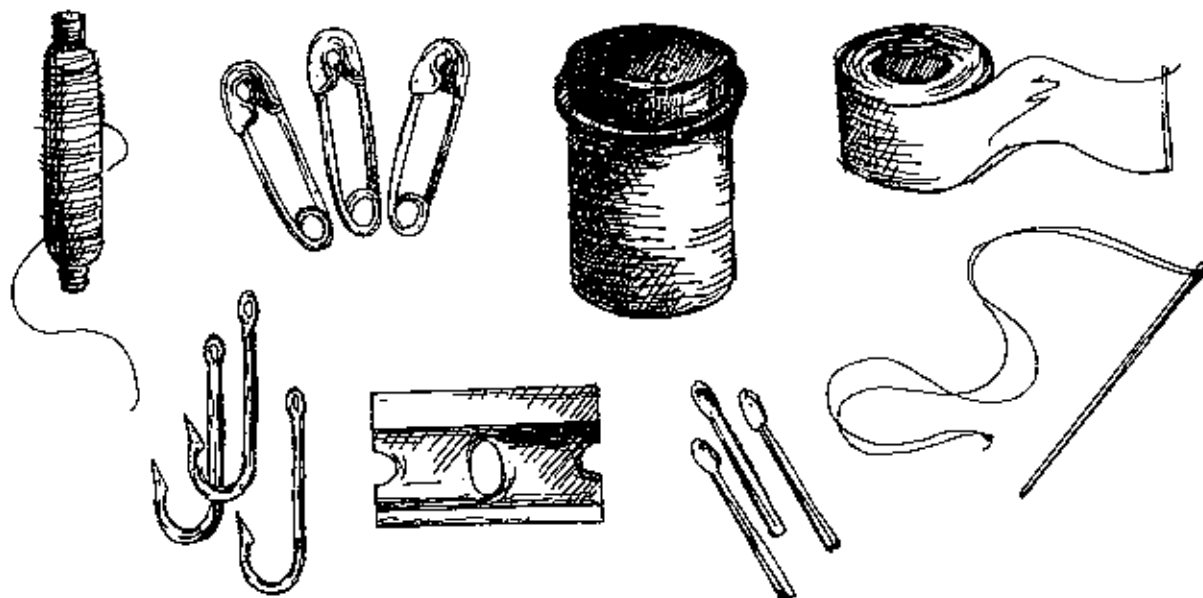
single edge razor blade
safety pins
needle and thread
other items you desire

Begin by wrapping about 10 yards of fishing line around the outside of the film can. Finish by wrapping several layers of duct tape around the fishing line. This will help to protect the fishing line and provide tape to be used for minor repairs.

Next, glue the striking surface from a box of safety matches to the inside lid of the film can. Fill the can with the remaining items. Be sure to load the matches with the heads pointing down. If you don't, you may end up with an unexpected fire in your pack.

There are many other useful items you can make, including clothes hangers and hanging hooks. See if you can create something new.

Write the name of the equipment or kit you made for this requirement here.



CHAPTER GEAR

e. Help make or keep in repair some piece of chapter gear or equipment.

Making gear for your chapter can also be challenging. Try making this small chapter equipment box.

You will need:

rope (for handles)

hasp

strap hinges

wood screws

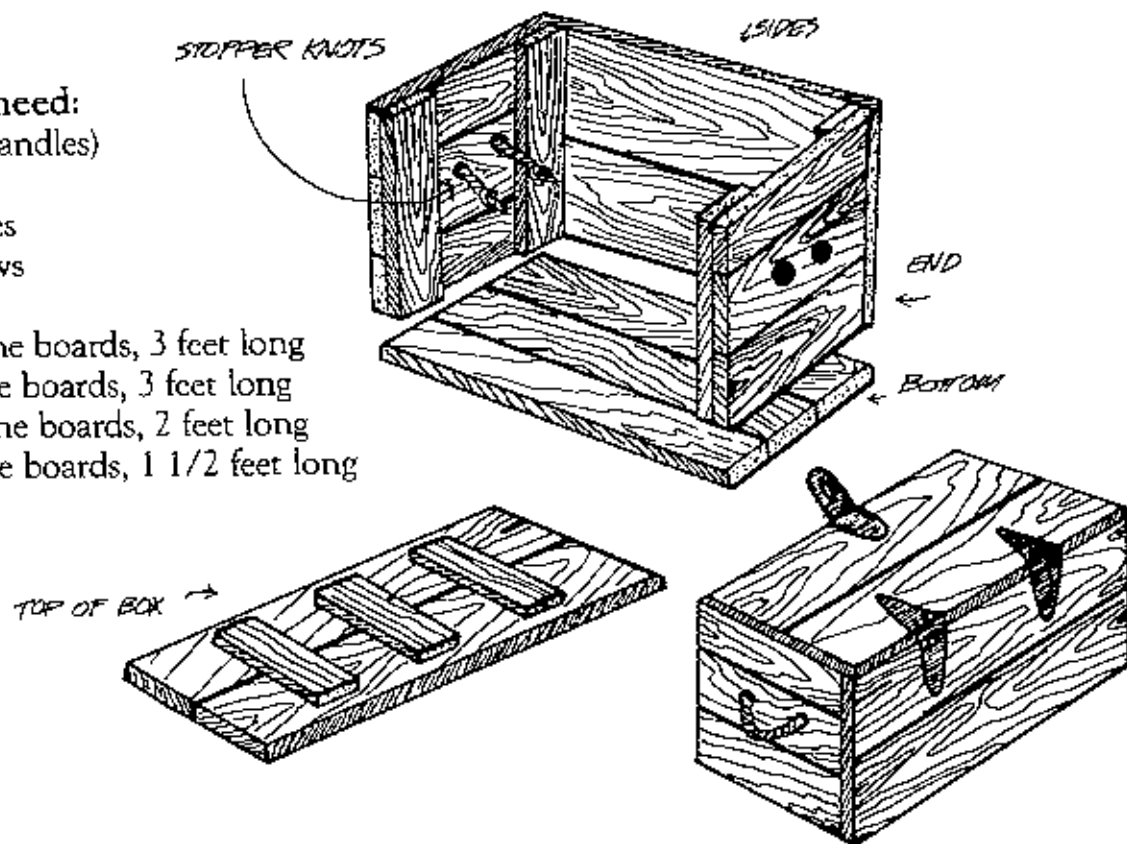
white glue

6 1-x-12 pine boards, 3 feet long

3 1-x-8 pine boards, 3 feet long

10 1-x-8 pine boards, 2 feet long

3 1-x-8 pine boards, 1 1/2 feet long



The box will be 2 feet square on each end and 3 feet long. Use five of the 1-x-8 pine boards that are 2 feet long to make each end of the box as shown. Glue the seams of the box with white glue as you build the box.

After you make the two end pieces, use the small wood screws to attach the three 1-x-8 boards that are 3 feet long to each end of the box. This will be the bottom of your box.

Attach two of the 1-x-12 pine boards to the box to make each side. Then glue the last two 1-x-12 boards as shown to make the lid. Use the three 1 1/2-foot-long boards to strengthen the lid. Add hinges and hasp.

Drill two holes in each side and insert the rope as shown. Tie an overhand "stopper" knot in each end of the rope on the inside of the box. Paint the box if you like. You now have a useful chapter equipment box.

There are many other useful items you can make for your chapter, like stools, equipment hangers, and shelves. See if you can create something new.

Write the name of the chapter equipment you made or repaired for this requirement here:

WOODSMAN

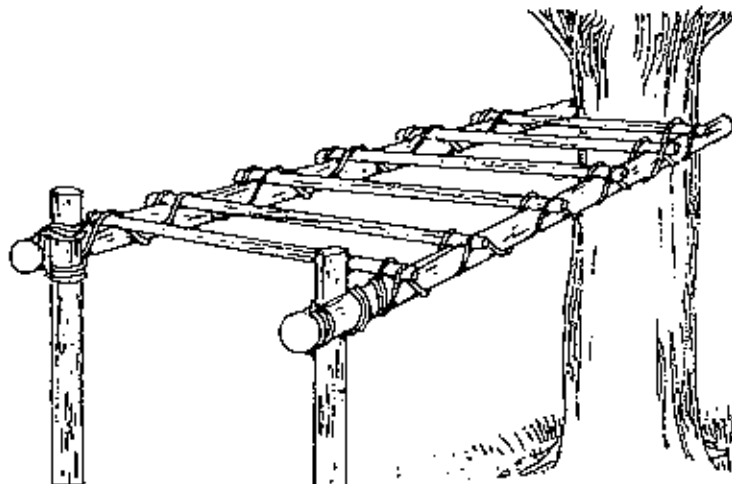
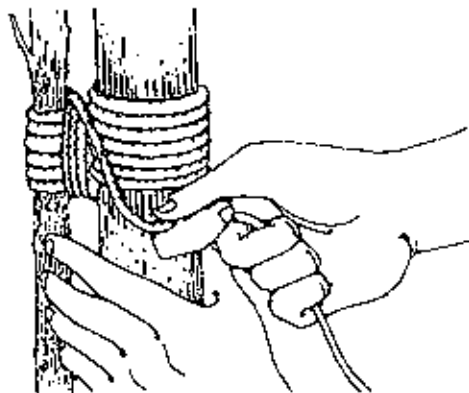
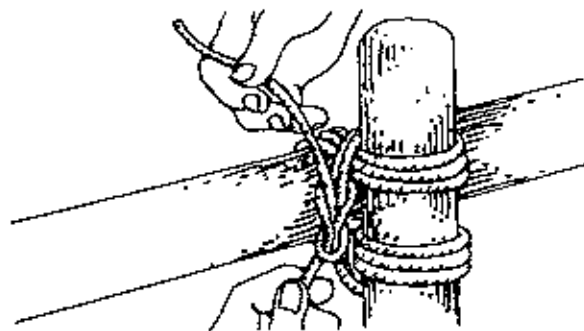
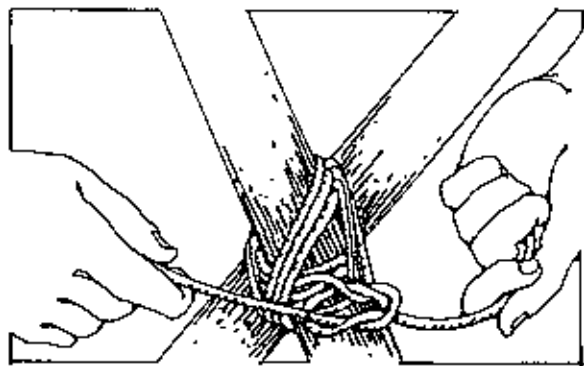
Ropecraft

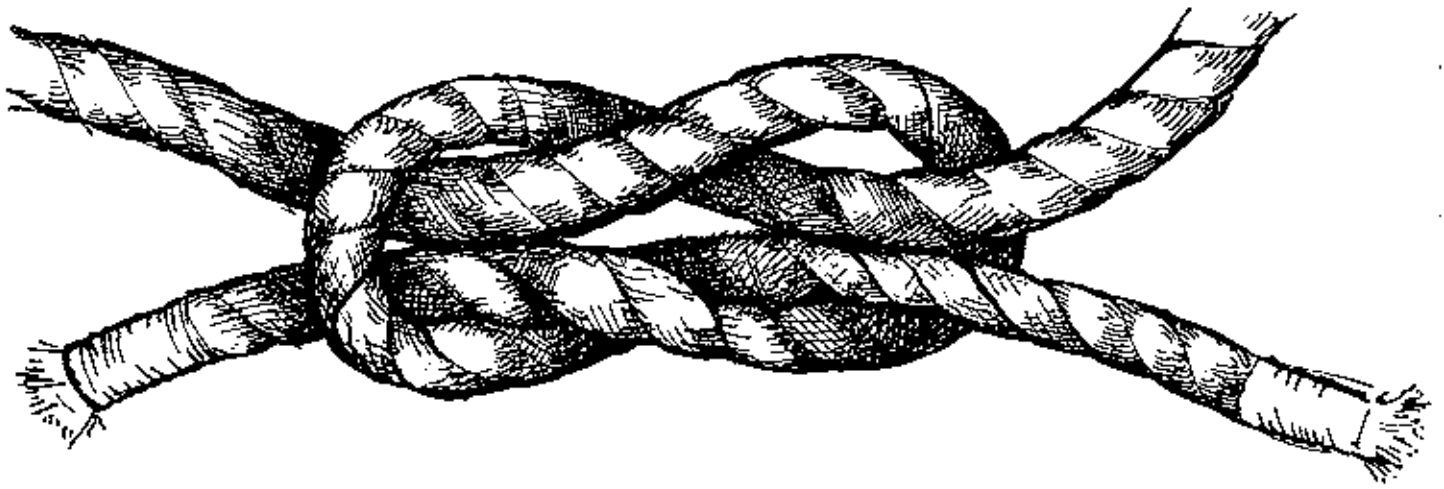
TWO LASHES!

- a. Demonstrate at least two types of lashing.

In your last two campcraft levels, you learned many knots and their uses. As a Woodsman, you need to know about lashing. Lashing is the word used when you tie wood together with rope or twine. It is the outdoorsman's hammer and nail. With lashing you can make all kinds of projects. Read pages 53-58 in your *Brotherhood Campcraft* book. Learn at least two types of lashing.

Under the drawings below write the name of the lashing used.





KNOWING THE ROPES

b. Learn about three kinds of rope and properties of each.

Not all ropes are alike. Ropes have different properties or features. Read page 42 of *Brotherhood Campcraft* to find out about different kinds of rope.

Write the type of the rope in the proper blank below.

Sisal
Manila

Cotton
Jute

Nylon

- _____ 1. This rope is the best teaching rope because it is soft. But, it shrinks easily.
- _____ 2. This rope comes from agave plants. It is rough, stiff, and breaks easily.
- _____ 3. This rope is the strongest. But, it stretches and knots slip out.
- 64 _____ 4. This rope is made from the abaca tree. It is yellow and has a silky feel. It is the best rope material.
- _____ 5. This rope comes from a plant by the same name. It is dark in color, very soft, and is only good for teaching knot tying.



(Answers: 1. Cotton, 2. Sisal, 3. Nylon, 4. Manila, 5. Jute)

WOODSMAN

Toolcraft

TOOL SCHOOL

- a. Show that you know how to properly select, use, and care for the tools necessary to carry out a one-night trip.

Woodsman Will is trying to pick the best equipment to take on his one-night camping trip. Read page 29 in *Brotherhood Campcraft* and learn which tools Woodsman Will should take. Write them in a list below. Then help Woodsman Will know how to use and care for each tool. Write the use and care of each tool in the space below.



Cooking Tools

Uses

Care

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Cleanup Tools

Uses

Care

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____



Fire Building Tools

Uses

Care

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Other Important Tools

Uses

Care

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____



SHEATH KNIFE

b. Demonstrate proper selection, use, and care of any sheath knife.

A sheath knife is larger than the RA pocketknife. It is used for cutting objects that are too small to require a saw.

The sheath knife is sharpened in the same way as a pocketknife. Unlike the pocketknife, a sheath knife doesn't fold into its handle. To protect the knife, a "sheath" or cover is made to protect the blade and you. Oil the blade of a sheath knife the same way you do the pocketknife. Learn more about this special knife by reading page 63 in *Brotherhood Campcraft*.

Complete the sentences below.

66 A sheath knife is useful for heavier work such as _____

It should always be carried in a sheath in which there are _____

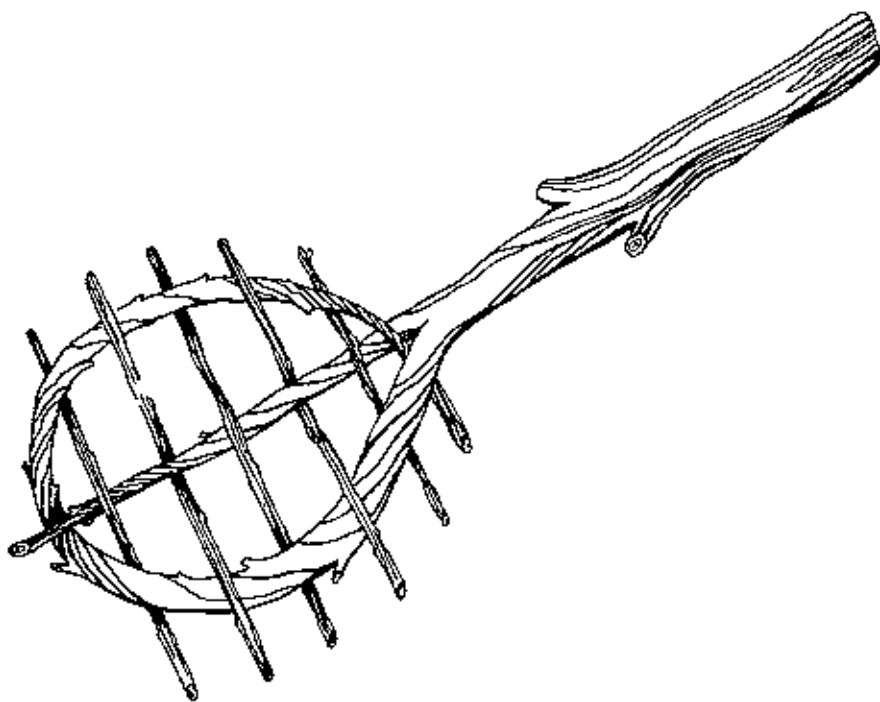
To carry: _____

(Check your answers on page 63 of *Brotherhood Campcraft*.)

COOKING TOOL

c. Make some kind of cooking device.

Making cooking tools is fun. Simple cooking can be done by toasting and broiling on pointed sticks. You can use one-, two-, or three-pronged sticks, or make a grill as shown below. Small stoves can also be made. Read page 76 in *Brotherhood Campcraft* to learn how to make a stove.



Write the name of the cooking device you have made here:

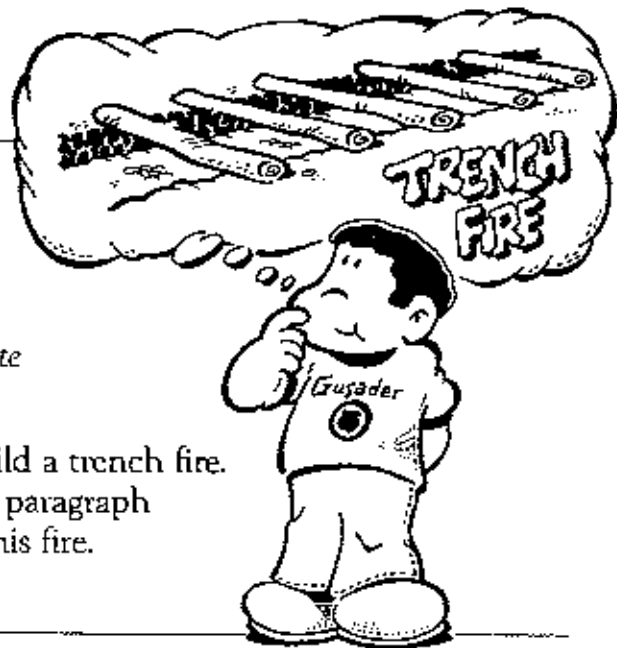
Firecraft

IN THE TRENCHES

a. Build a trench fire.

Option for a, b: Select and show how to operate and care for one type of camp stove.

Woodsmen Will can't remember how to build a trench fire. Read page 74 of *Brotherhood Campcraft*. Write a paragraph below that tells Woodsmen Will how to build this fire.



FIRE CLEANUP



b. Put out your fire properly and cleanup the fire site.

After building your trench fire, make sure you put it out properly. Then make up a short saying, rhyme, or motto about fire cleanup. Write your motto here:

Cooking



LOOKING FOR GOOD COOKING?

- a. Plan and cook a well-balanced outdoor meal.

Just as you did in earlier campcraft adventures, make a well-balanced meal plan using the questions below. Cook your meal during one of your next camp outs.

My Woodsman Menu

Type of meal: _____

How many people are eating? _____

Food from the breads and cereals group you will eat: _____

Food from the vegetable, fruit, or juice group you will need: _____

Food from the meats, fish, chicken, or high protein group you will eat: _____

Food from the milk and cheese group (you may combine this in recipe) you will eat: _____

Dessert you will eat: _____

How much of each item will you need? (Base this on how many eating with you.) Make your grocery list below:

1. Where did you cook the meal? _____

2. What did you need to cook the meal? _____

3. How did it taste? _____

First Aid

YOUR FIRST AID KIT

a. Write a list of items needed in a small personal first aid kit.

Try making this simple first aid kit. Collect the items below you will need, and store them in a small metal container. Make sure you include the dosage information of any medicines you include. Many plastic bandages are sold in small metal containers. These make ideal kit boxes.

Items needed:

Plastic bandages—several for minor cuts

Gauze pads—several 3-by-4 inch pads for deep wounds

Adhesive tape—a 1- or 2-inch roll to hold gauze pad in place

Aspirin or other substitute—for reducing pain (include dosage instructions)

Needle—for blisters and removing splinters

Antiseptic cream—to prevent infection of cuts

What other small items could you include in your kit?

List them here: _____

Write the date you made your kit here: _____

OH, NO! NOW WHAT?

b. Know what to do for treatment of contact with poison ivy, poison oak, poison sumac, or other poisonous plants found in your locality.

Poisonous plants can ruin a camping trip. Even though some people may never be bothered by these plants, they should still be avoided. Read page 95 in *Brotherhood Campcraft* to learn what to do in case you have touched any such plant.

Decide if the sentences are True or False.

Write your answer in the blanks below.

_____ Scratch the area with the rash.

_____ Wash the area with soap and water. _____ Apply calamine lotion.

_____ Take a cool bath. _____ Wash the area with alcohol.

(Answers: All are true except the first sentence.)



WOODSMAN

Safety and Sanitation

LATRINE SCENE



- a. Show that you know how to build a simple latrine for an overnight camp.

Now that you know some lashing skills, latrines can be fun to build. In the space below, draw a latrine. Use your own design using lashing skills. If you need some hints review page 100 in *Brotherhood Campcraft*. Remember, never cut down live trees—some parks enforce heavy fines.

LOST AND FOUND

- b. Know what to do when lost in the woods.

In *Hiker*, you learned what to do when lost on the trail. Review your skills by reading page 98 in *Brotherhood Campcraft*.

Write a brief paragraph below on what to do when lost in the woods.

PLANT ID

c. Identify two poisonous plants.

There are poisonous plants other than poison oak, poison ivy, and poison sumac. Some plants are dangerous if you accidentally eat them. Read the list found on page 119 of *Brotherhood Campcraft*. Find a magazine on gardening (your mom or dad might have one). See if you can locate at least two of the plants on the list. Cut out the pictures and glue them in the space below.



SAFETY PRACTICES

d. Use good safety practices in all skills for Woodsman.

List below some of the safety practices you used in your camping experiences for Woodsman.

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




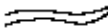

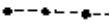



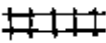







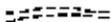

Map and Compass

LEARNING TO READ A MAP

- a. Show that you know how to read and follow a map to certain locations.

A map is your guide to the unknown. It can tell you many things about the outdoors. Read pages 111-116 in *Brotherhood Campcraft* to learn about maps. Show your counselor you can use a map to find directions — even a road map will do. Then try the following activity.

Draw a line from the map symbol to the correct word. Check your answers on page 112 of *Brotherhood Campcraft*.

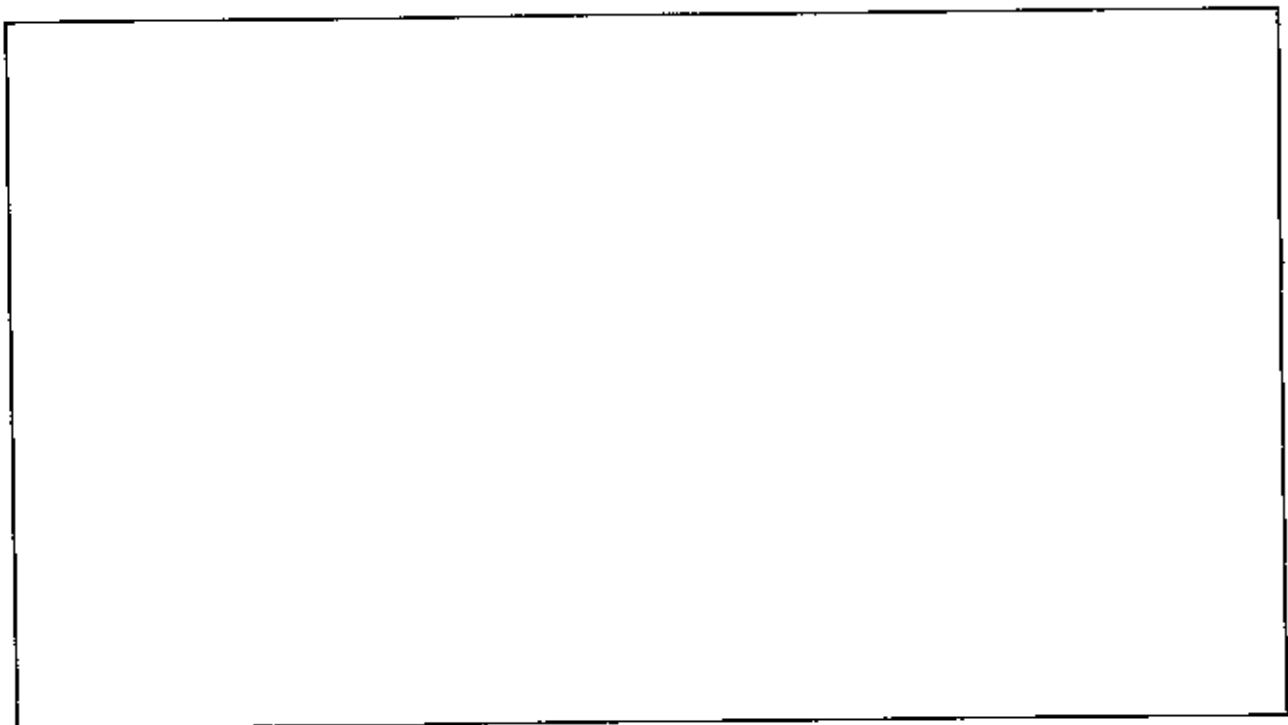
Name	Symbol
Bridge	
Grass	
Power lines	
Highway	
Dam	
Baseball diamond	
Church	
Tennis court	
Double RR track	
Marsh	
Buildings	
Path or trail	
School	
U.S. route	
Stream	
Private or bad road	
Mountain range	



MAP MAKING

b. Make a simple sketch map of your camp site or other area.

Map making is easy to do. Map your campsite using symbols you create. Make sure you have a "legend" or list of what each symbol included means. Draw your map in the space below.



STAR SEARCH

c. Show that you know how to find directions by the stars.

The stars have always interested outdoorsmen. Even David in the Bible thought about them. Read Psalm 8:3 to find out what he said about the sky.

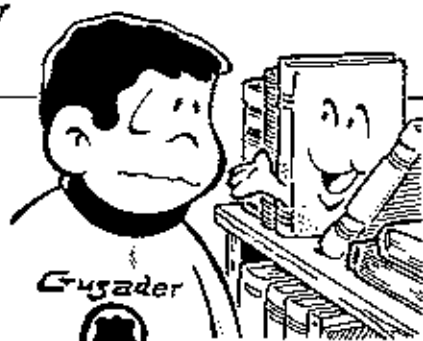
Stars are also good guides for night travelers. Read page 111 in *Brotherhood Campcraft* to learn more.

Connect the dots to show how you would find north from the stars.



Additional Bible verses to read: Genesis 1:1, 14-18; Psalm 147:4; Isaiah 40:26

Nature Study



LOOKS AT BOOKS

- a. Read a good book on any area of nature study and use it in making your collection.

Write the name of your book here: _____

Write a short report on it below.

TAKING UP A COLLECTION

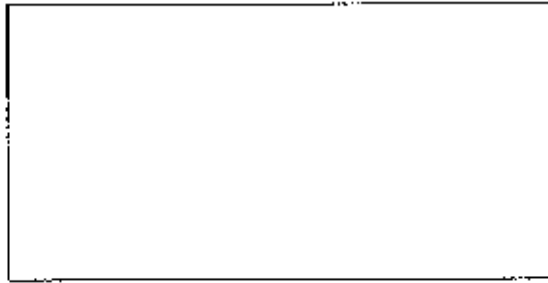
- b. Make a nature collection and label each item or draw and describe items.

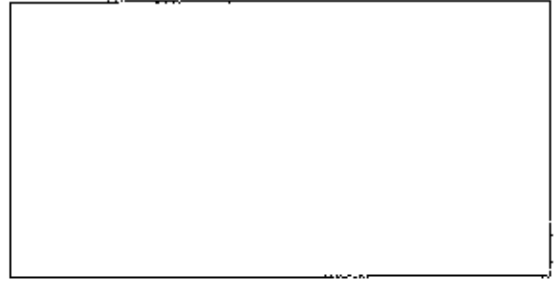
Nature collections let you bring a little of the outdoors home with you. Read pages 122-123 in *Brotherhood Campcraft* to learn how to make a good collection.

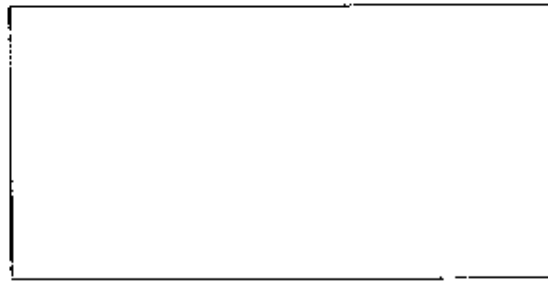
You can also make a nature collection without disturbing the area.

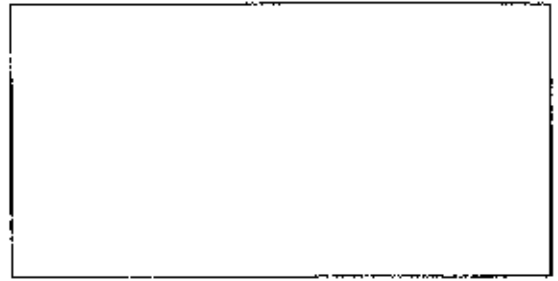
In the boxes on the next page, draw a picture of the nature item you wish to collect. Under the box, write its name and a short description. This way you can collect it without taking it. Leaves, seeds, and flowers are just a few items you can collect in this way.

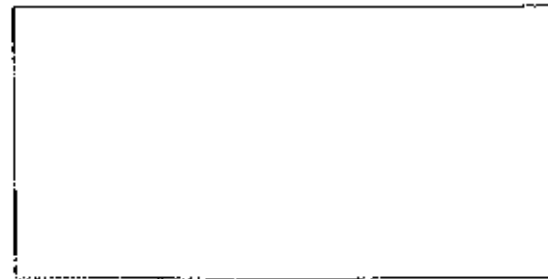
MY NATURE COLLECTION

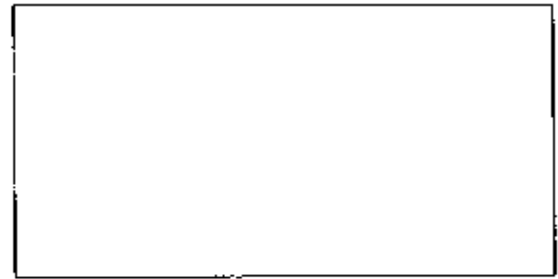






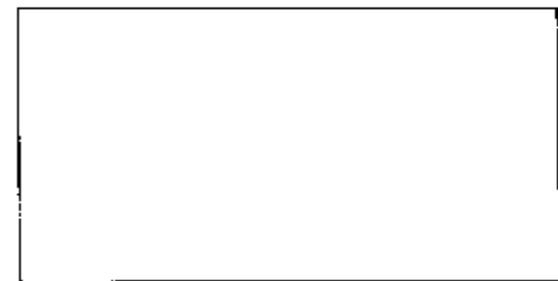




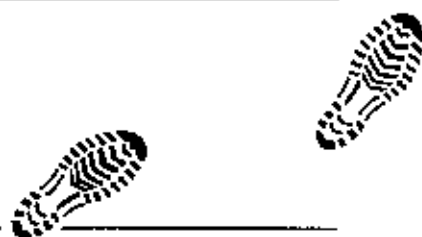


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Conservation



PROJECT PERFORMANCE

- a. Do a conservation project for the good of your church, associational camp, or community.

Pages 136-137 in *Brotherhood Campcraft* list many good projects. Choose one. After you have done your project, complete the record below.

Write the name of your project here: _____

For whom did you do it? _____

Write a short description of your project: _____

FORESTRY FRIENDS



- b. Learn about the work of your state or federal conservation and forestry services.

List the names of your state and federal conservation and forestry services below. You can find them listed in your local telephone book. If your counselor can't help, a short telephone call to each service will give the information you need. Write one sentence about each service to explain what they do.

State or Federal Agency

Purpose of Agency

_____	_____
_____	_____
_____	_____
_____	_____

Fun and Worship

TEACH A GAME

a. Teach your chapter an outdoor game.

Outdoor games are really fun when played on a camp out. Choose a game from pages 140-143 in *Brotherhood Campcraft*. Teach the game to your chapter. Answer the questions below.

What was the name of your game? _____

To whom did you teach the game? (list each person's name)

Where did you teach the game? _____

What was the date? _____

Describe in one sentence what your chapter thought of your game.



CAMP FIRE FUN

- b. Plan a ceremony or camp fire activity for your chapter by using songs, stories, games, drama, or worship.

Use the suggestions for worship found on page 145 of *Brotherhood Campcraft* as a guide to planning your camp fire activity.

Write a short outline of your camp fire program below.

If you have completed all the requirements for Woodsman, you are now allowed to wear the Woodsman patch. You must wait until you are a Pioneer before you can go to the next campcraft levels.





WOODSMAN Checklist

Date _____
Checked by _____

1. TRIP PLANNING

- _____ a. Participate in two one-night camps with your chapter using all Woodsman skills below.
- _____ b. Keep a log of each trip.
- _____ c. Afterward, discuss the first trip, telling the good and bad points. Use this discussion to plan the second and other trips.

2. EQUIPMENT AND SHELTER

- _____ a. Demonstrate that you know how to select and properly pack your gear and equipment for an overnight camp.
- _____ b. Show that you know how to select, prepare, and leave in good order a tent site.
- _____ c. Pitch a tent.
- _____ d. Make a piece of equipment for your own use, such as a ground cloth, survival kit, fishing kit, poncho, etc.
- _____ e. Help make or keep in repair some piece of chapter gear or equipment.

3. ROPECRAFT

- _____ a. Demonstrate at least two types of lashing.
- _____ b. Learn about three kinds of rope and properties of each.

4. TOOLCRAFT

- _____ a. Show that you know how to properly select, use, and care for the tools necessary to carry out a one-night trip.
- _____ b. Demonstrate proper selection, use, and care of any sheath knife.
- _____ c. Make some kind of cooking device.

5. FIRECRAFT

- _____ a. Build a trench fire.
- _____ b. Put out your fire properly and clean up the fire site. Option for a, b: Select and show how to operate and care for one type of camp stove.

6. COOKING

_____ a. Plan and cook a well-balanced outdoor meal.

7. FIRST AID

_____ a. Write a list of items needed in a small personal first aid kit.
_____ b. Know what to do for treatment of contact with poison ivy, poison oak, poison sumac, or other poisonous plants found in your locality.

8. SAFETY AND SANITATION

_____ a. Show that you know how to build a simple latrine for an overnight camp.
_____ b. Know what to do when lost in the woods.
_____ c. Identify two poisonous plants.
_____ d. Use good safety practices in all skills for Woodsman.

9. MAP AND COMPASS

_____ a. Show that you know how to read and follow a map to certain locations.
_____ b. Make a simple sketch map of your campsite or other area.
_____ c. Show that you know how to find directions by the stars.

10. NATURE STUDY

_____ a. Read a good book on any area of nature study and use it in making your collection.
_____ b. Make a nature collection and label each item or draw and describe items.

11. CONSERVATION

_____ a. Do a conservation project for the good of your church, associational camp, or community.
_____ b. Learn about the work of your state or federal conservation and forestry services.

12. FUN AND WORSHIP

_____ a. Teach your chapter an outdoor game.
_____ b. Plan a ceremony or camp fire activity for your chapter by using songs, stories, games, drama, or worship.

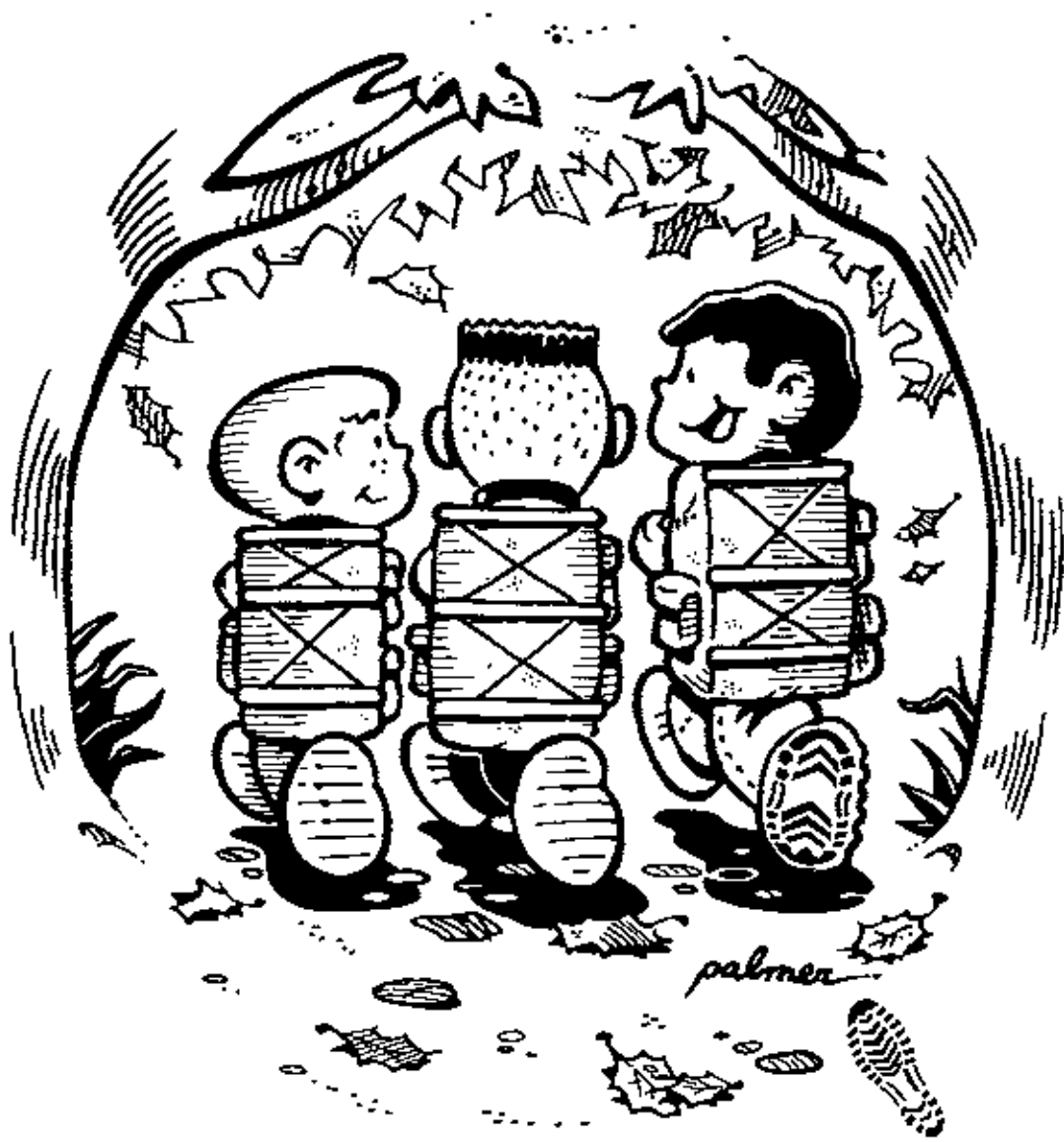
_____ has completed the requirements for Woodsman and may now wear the Woodsman patch.

Date Completed: _____ Signed _____
Counselor

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