

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.*

LAD CAMPCRAFT WORKBOOK

This Book Belongs to

NAME

ADDRESS

CITY/STATE/ZIP CODE

CHAPTER NAME

COUNSELOR

CHURCH/PHONE NUMBER

Campcraft books in the Brotherhood Outdoor Education Series
for Royal Ambassadors in Grades 1–6.

Lad Campcraft Workbook
Crusader Campcraft Workbook
Brotherhood Campcraft

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Lad Campcraft Workbook

FOR LAD ROYAL AMBASSADORS
IN GRADES 1-3

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, Sharon Goodwin for artistic design, and to Jeanie Holmgren for the creation of the raccoons.

HOW TO USE THIS WORKBOOK

(To the Counselor)

Lad Campcraft Workbook is designed to be used as an introduction to campcraft. The activities and requirements found in this workbook will help a Lad learn beginning campcraft, outdoor safety, and awareness of his home and community environment. The Lad may earn the Discoverer 1, Discoverer 2, and Discoverer 3 patches.

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

The Lad campcraft skills are developed on grade levels. Lads in Grade 1 work on Discoverer 1. Lads in Grade 2 work on Discoverer 2. Lads in Grade 3 work on Discoverer 3. Each grade level is divided into 12 sections with different requirements in each one. A Lad may work on any part of the checklist for his grade, but he should not proceed to the next checklist until he is in the next grade. In this way, Lads learn campcraft in ways developed especially for them.

You will want the *Brotherhood Campcraft* book to use as a reference for camping and outdoor skills. However, you must use this workbook to discover requirements for Lad campcraft patches, reinforcement activities, explanations, and definitions.

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WELCOME



Going outside is fun. You may like to hike in the woods. You may enjoy fishing on a nice lake. You can have fun on a cookout. To have the most fun outdoors, you must know a few things first.

If you are a Lad, in Grades 1-3, this workbook is just for you. It will help you in "campcraft." Campcraft is the word for camping, hiking, and other outdoor skills.

In this workbook you will learn these things. You will also learn about taking care of nature.

Campcraft will help you have fun and grow as a Royal Ambassador. To do this, you will need to do activities and earn campcraft patches.



LAD CAMPCRAFT BASICS

This workbook will help you earn campcraft patches. There are three different patches you may earn. If you are in the first grade, you will begin with the Discoverer 1 patch. If you are a Lad in the second grade, you will work on the Discoverer 2 patch. Lads in the third grade will work on the Discoverer 3 patch.

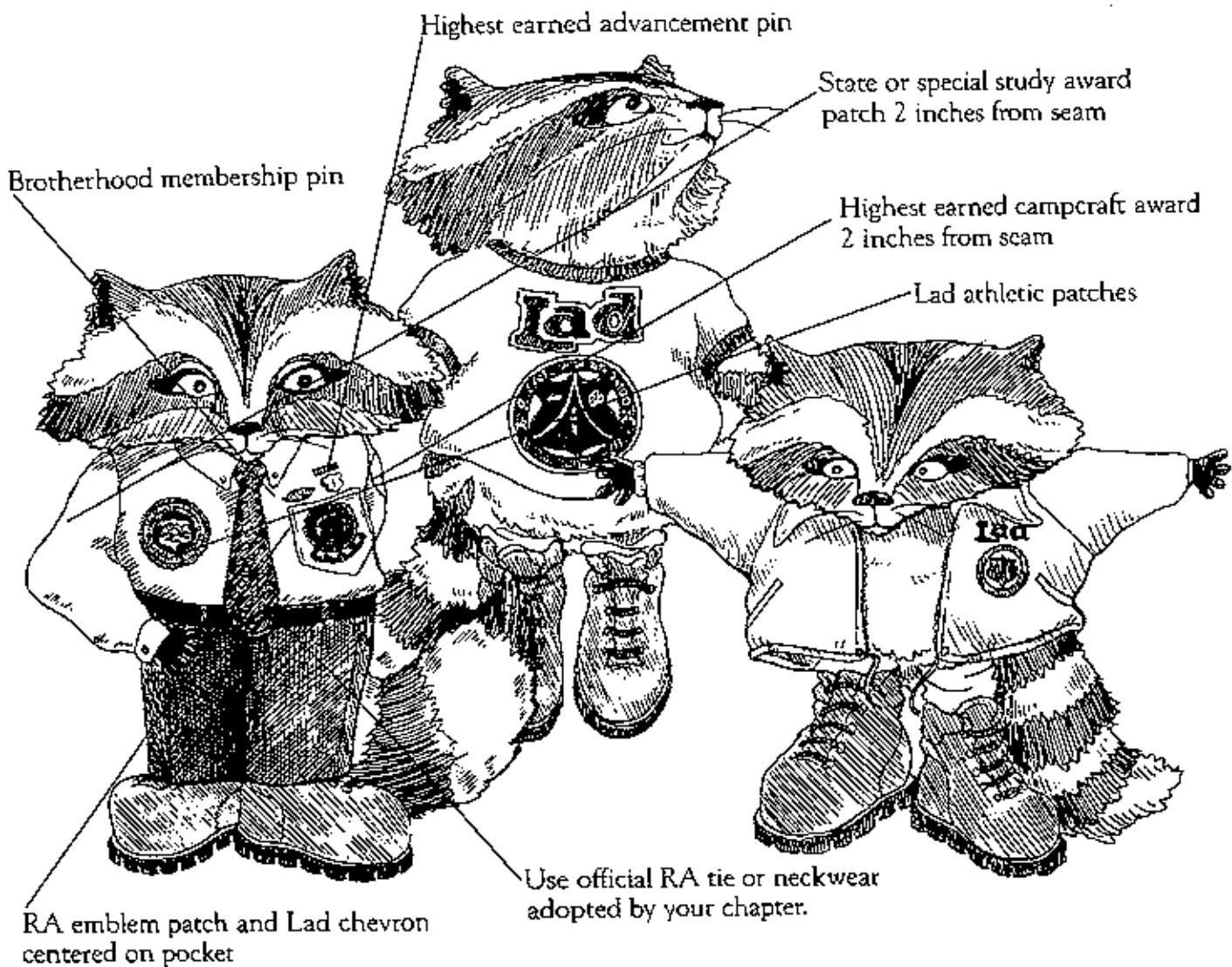


To earn your patch you must do activities in this book. As you do them, show your work to your counselor. He will write his name on your "checklist." A checklist is a list of things to do. You will find your checklist at the end of each part of this book.

Soon you will finish all of the activities. You will be allowed to wear the Discoverer 1, Discoverer 2, or Discoverer 3 patch.

After you have earned the campcraft patch for your grade, you must wait until you are in the next grade to earn other patches. When you become a Crusader, there will be three more campcraft patches to earn.

See the following drawing on how to correctly wear your campcraft patches. Only the highest earned patch is worn on the left sleeve. Others are worn on the back of your jacket.



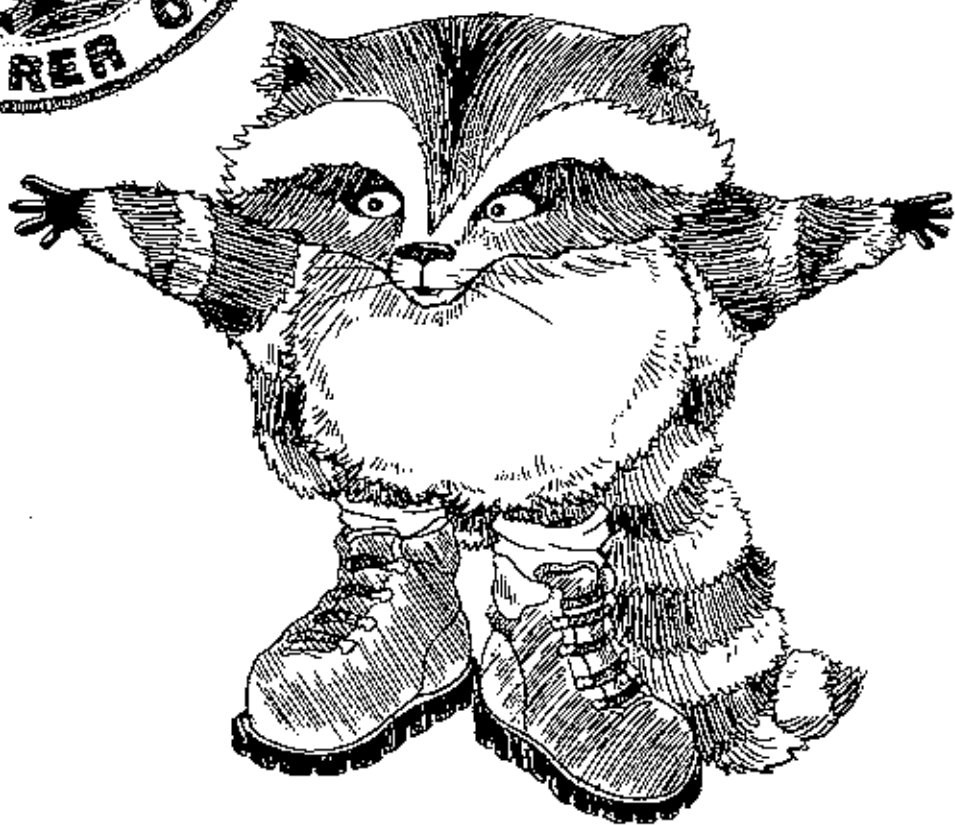
Here Is How You Begin:

1. Talk to your counselor about campcraft.
2. Plan to begin with the skills for your grade in school. New members will start working for the patch that matches their grade in school.
3. RA Campcraft **SHOULD NOT** replace missions study, your advancement plan, or your monthly missions activities!
4. You may do campcraft skills without your chapter if it is checked by your counselor or a person approved by him.



DISCOVERER SKILLS

1



Let's go outside. Let's learn about nature. We will become outdoor discoverers. Discoverers find out about new things. We are going to find out about campcraft. Campcraft is outdoor fun.

TRIP PLANNING

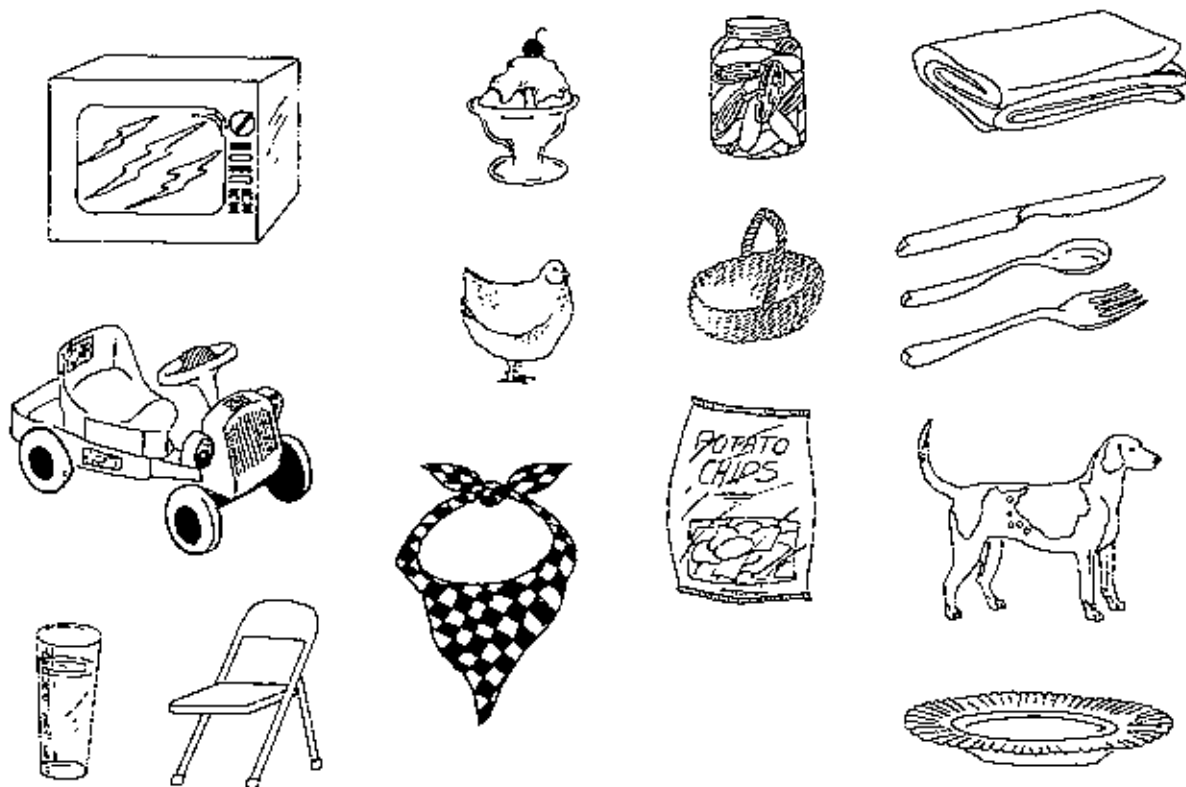
Help your parent or an adult plan and take a picnic.

It is best to plan your outdoor trip. You will not forget things if you plan. In campcraft, this is called "Trip Planning." This activity will help you plan. You will plan your first outdoor trip. Help your parent or your counselor plan and take a picnic.

A picnic is eating outside. You may eat in a park. You may eat at a lake. You may eat in your back yard.

You must take your food with you on a picnic. You will want to carry your food in a basket or sack. Help your parent or counselor plan a picnic.

Circle the things you should NOT take on a picnic.



(Answers: You shouldn't take the ice cream sundae, dog, toy car, TV, or chair.)

After you help plan your picnic, go on a picnic. Have your counselor mark your checklist on page 19.

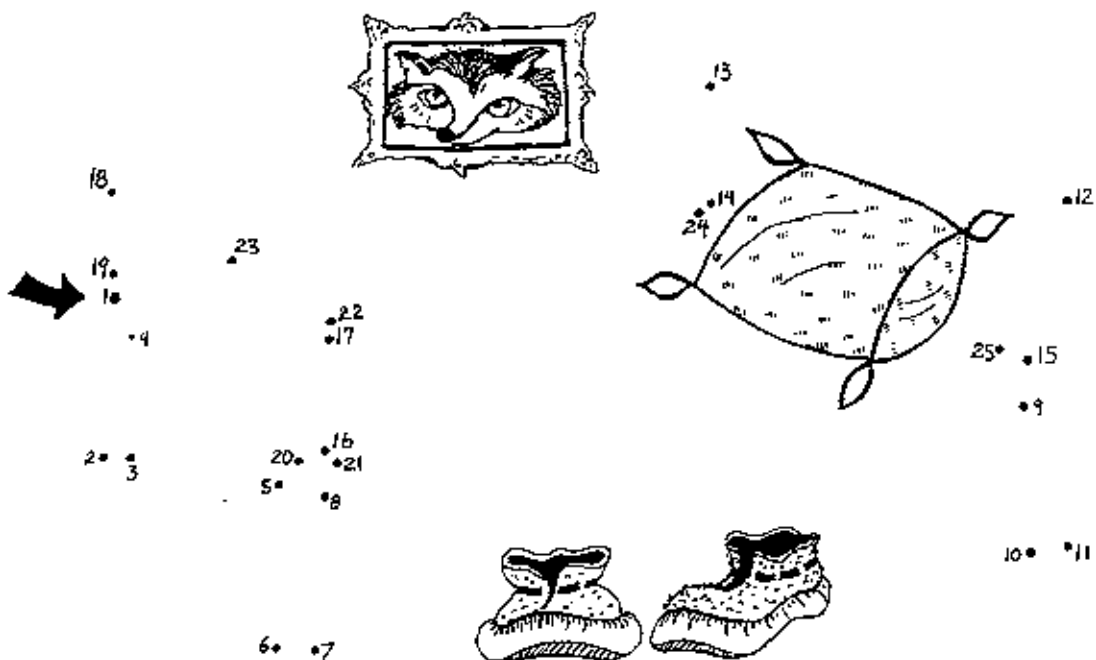
EQUIPMENT AND SHELTER

Learn and demonstrate to your parent or an adult how to make up your bed.

You need some things in campcraft. These things make outdoors fun. They keep you dry in the rain. They help you cook your food. They give you a place to sleep. In campcraft, these things are called "Equipment and Shelter."

Your Equipment and Shelter must be kept neat and clean. This will make them work better. This will also help them last longer.

You have Equipment and Shelter at home. Find out what you have. Connect the dots below.



What is your Equipment and Shelter? Write your answer here:

Your bed and room are Equipment and Shelter. Learn how to keep your Equipment and Shelter neat and clean. Learn how to make up your bed.

Look at the chart below. Make an "x" each time you make up your bed. Keep your record for one week. Show your record to your counselor. He will mark your checklist.



My Equipment and Shelter Record						
Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7

ROPECRAFT

Learn and demonstrate to your parent or an adult how to tie your shoelaces.

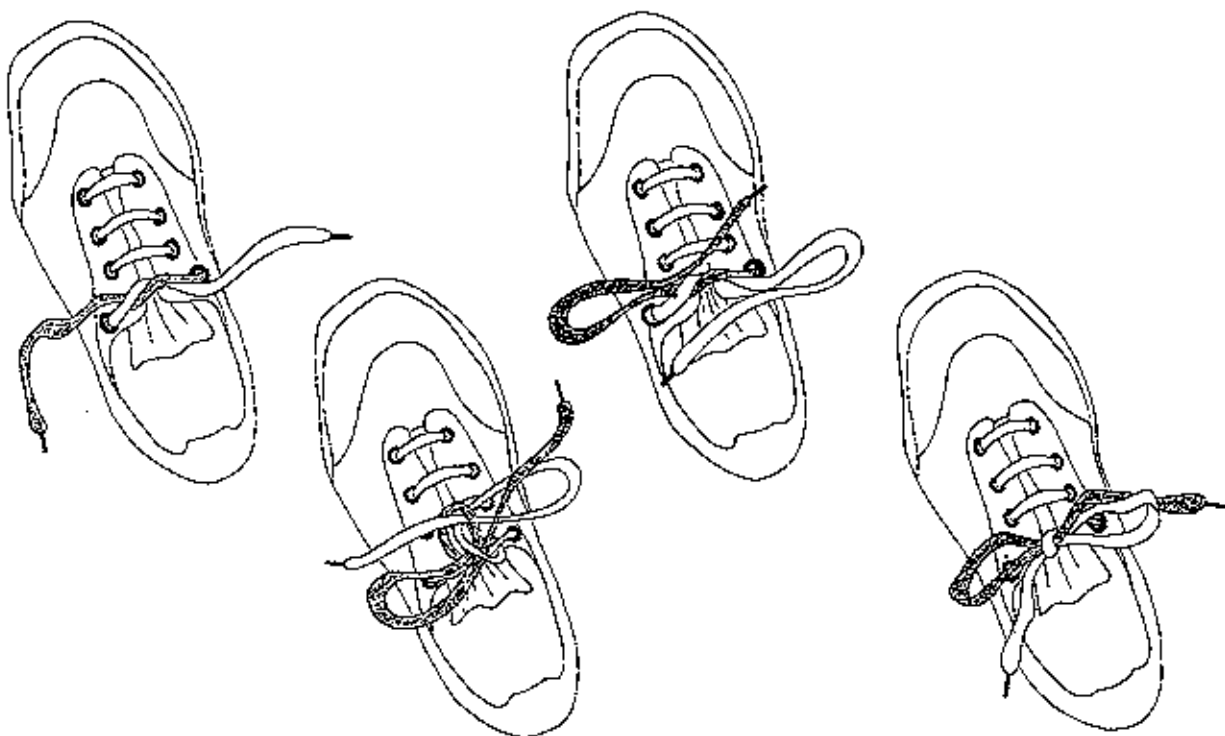
Rope is useful outdoors. You use rope to tie things together. You use rope to build things. Rope can even help you climb. Knowing about and using rope is called "Ropecraft."

Ropecraft is also "knots." Knots are special ways to twist or tie rope. There are many knots. Each knot has special uses.

You can learn a special knot. It is the knot to tie your shoes. This knot will hold your shoe tight. You can untie it easily. Have your parent or counselor teach you.

HOW I TIE MY SHOES

Number the drawings below in proper order.



After you learn to tie your shoes, show your counselor. He will mark your checklist.

TOOLCRAFT

Learn and demonstrate to your parent or an adult how to use and care for a flashlight.

Tools are used to do things. Learning to use tools in campcraft is called "Toolcraft." You will use many tools in campcraft. One tool you will use is a flashlight.

Flashlights help us see at night.

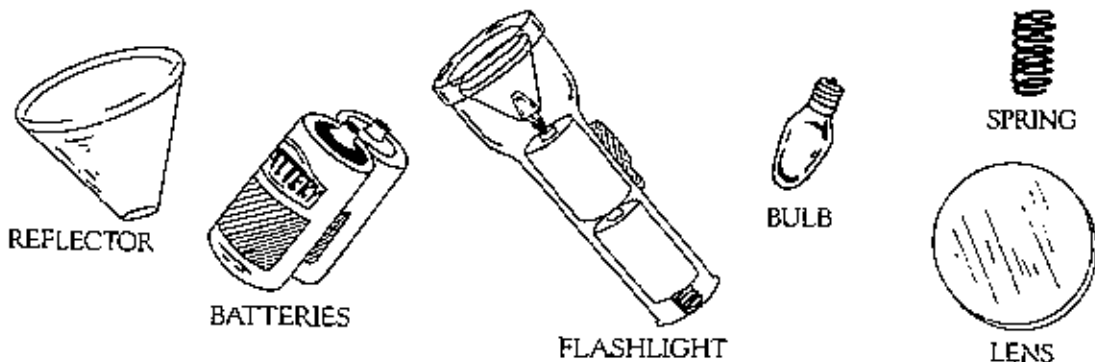
To use and care for your flashlight, you must learn a few things. Dropping a flashlight can break it. Water can ruin a flashlight. You should not keep a flashlight "on" when you are not using it. Always keep new batteries and bulbs nearby.

Circle the proper word below.

1. Flashlights should be kept (wet, dry).
2. You should never (carry, drop) a flashlight.
3. Make sure you keep a flashlight turned (on, off) when not in use.
4. Always keep fresh (food, batteries) in your flashlight.

(Your answers should be: 1. dry, 2. drop, 3. off, 4. batteries)

Know the parts of your flashlight. Draw a line from the part to the proper place on the flashlight below.



After you have done these activities, show your counselor or parent how to use your flashlight. Have your counselor mark your checklist on page 19.




FIRECRAFT





Demonstrate to your parent or an adult that you know how to call the fire department in case of emergency. Post the telephone number near your home phone.


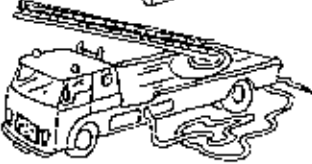

Fire can be your friend outdoors. Fire helps you cook outdoors. It keeps you warm outdoors. It also gives you light. But fire can also be your biggest enemy.

Forest fires cause great damage. They kill animals. They destroy nature. Knowing about fire and fire safety outdoors is called "Firecraft."

Begin to learn Firecraft. You can learn about fire safety at home. Talk with your parent or counselor about the story below.

There are  things to do if your  is on .

First, get out of the . Have a place to meet your  outside. Second, don't try to  the .

Third,  the  from the  next door to fire.

Write the telephone number of your fire department. Use the space below.

MY FIRE DEPARTMENT TELEPHONE NUMBER

Copy the number on a piece of white paper. Cut out the number. Glue the number to red construction paper. Tape the number near your telephone. Learn how to dial the number. (You can do this without really calling it.) Show your parent or counselor. Your counselor will mark your checklist.

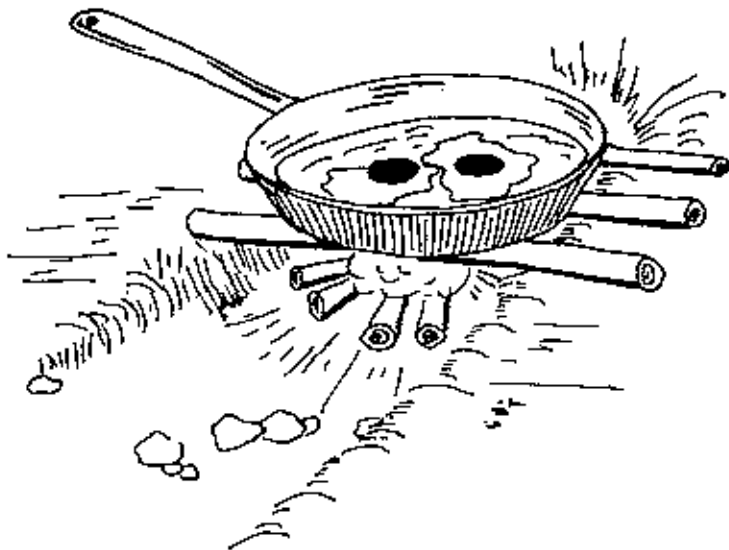
DISCOVERER 1

COOKING

Help your parent or an adult prepare a meal.

Food tastes great outdoors! "Cooking" can be fun outdoors. Many people cook food outside on a grill. Some campers cook over open fires. Cooking outside uses teamwork. You can learn Cooking teamwork. Help your parent or counselor cook a meal.

Ask your parent or counselor to list the things you did to help. Ask them to write the list in the space below.



MY COOKING HELP LIST

I helped by: _____

FIRST AID

Demonstrate to your parent or an adult how to properly apply a plastic bandage.

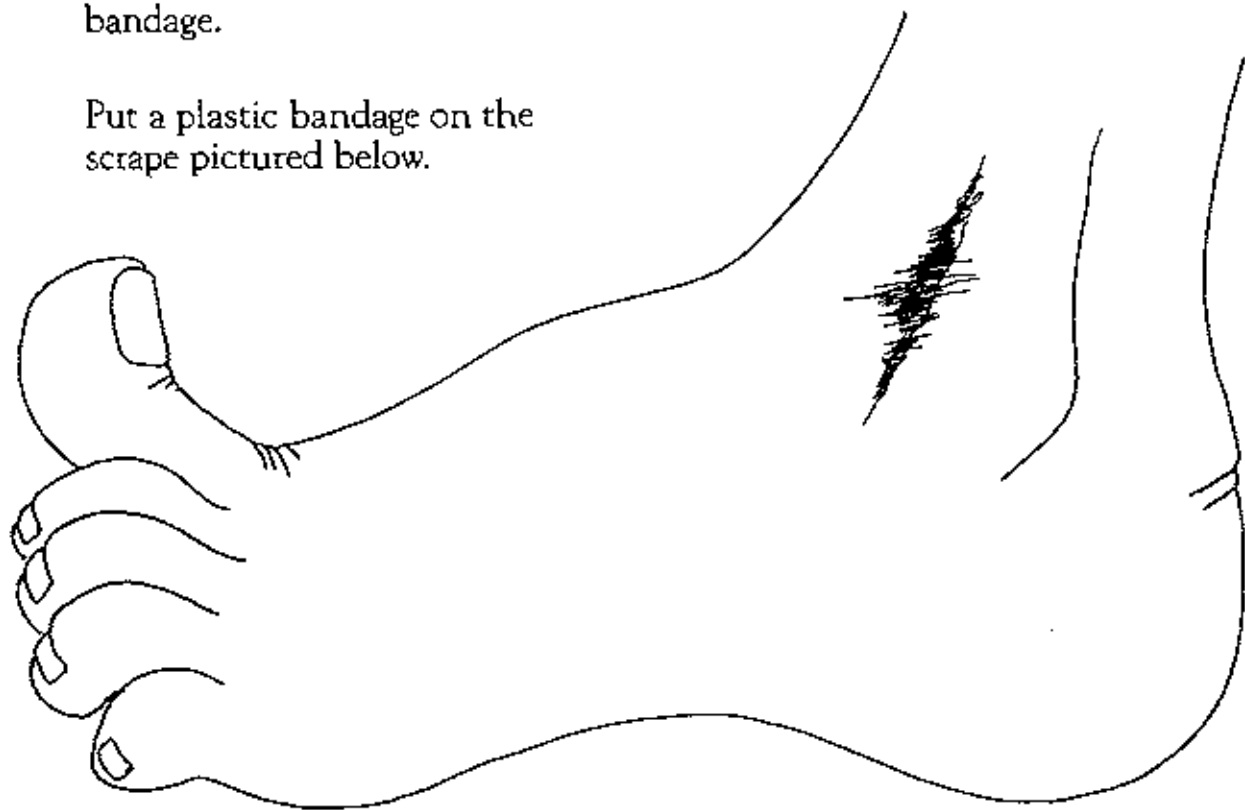
Accidents can happen. People get hurt—even outdoors. Knowing what to do can help. This is called “First Aid.” It is the first thing you do when you are hurt.

There is an easy way to start First Aid. Learn how to put on a plastic bandage (sometimes called a “Band-Aid”). Plastic bandages protect cuts, burns, blisters, and scrapes. If not covered, these wounds will hurt much more.

Knowing how to put on a plastic bandage is important. You must wash the wound before putting on the bandage. Sometimes you will put first aid cream or other medicine on the wound. Never touch the cloth found in the middle of the bandage.

Ask your parent or counselor to show you how to put on a plastic bandage.

Put a plastic bandage on the scrape pictured below.



Show your counselor your work. Have him mark your checklist on page 19.

DISCOVERER 1

SAFETY AND SANITATION

Show your parent or an adult that you have made a habit of picking up and putting away dirty clothes daily. Keep a record of your activity for three weeks.

“To keep clean and healthy...” is part of the Royal Ambassador Pledge. It is also important outdoors. You can become sick or hurt if health and safety rules aren't followed. Keeping clean and safe outdoors is called “Safety and Sanitation” in campcraft.

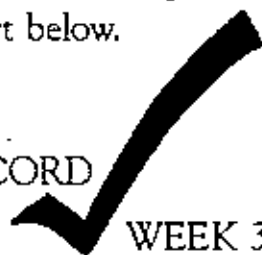
Begin your Safety and Sanitation training at home. Learn to pick up and put away dirty clothes daily. Make it a good habit. Keep track of your work for three weeks. You can use the chart below.



MY SAFETY AND SANITATION RECORD

WEEK 1

WEEK 2



WEEK 3

	WEEK 1	WEEK 2	WEEK 3
Monday			
Tuesday			
Wednesday			
Thursday			
Friday			
Saturday			
Sunday			

MAP AND COMPASS

Learn and recite your home address for your parent or an adult.

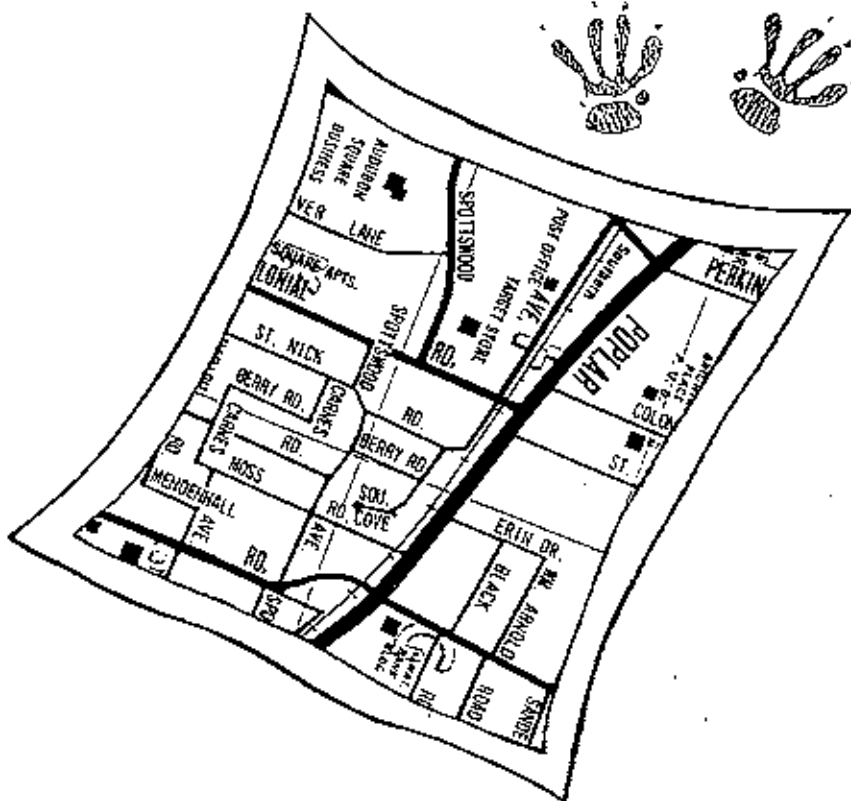
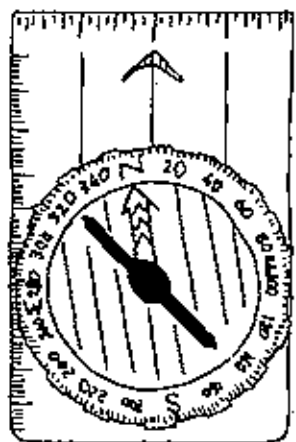
Can you follow directions? Directions show you the way to go. They also help you outside. People use directions outdoors to find the way to go. They use a "Map and Compass" to help. A Map and Compass are tools that help you find the proper way outdoors.

One way you can learn about a Map and Compass is to know your home address. This is one way you can always find your way home. It is a good way to tell others where you live. Write your home address below. Then tell your counselor or your parent your address. When you do, ask your counselor to mark your checklist.

MY ADDRESS IS:

Street Number _____ Name of Street _____

City _____ State _____ ZIP Code _____



DISCOVERER 1

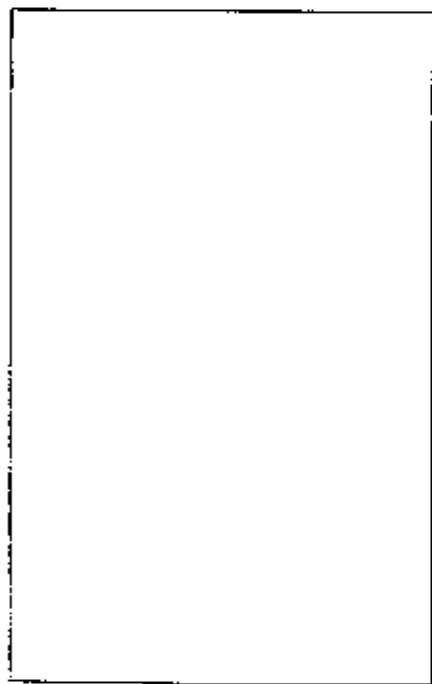
NATURE STUDY

Take a nature walk in your neighborhood with your parent or an adult. Identify birds, insects, and animals on your way and draw pictures of them.

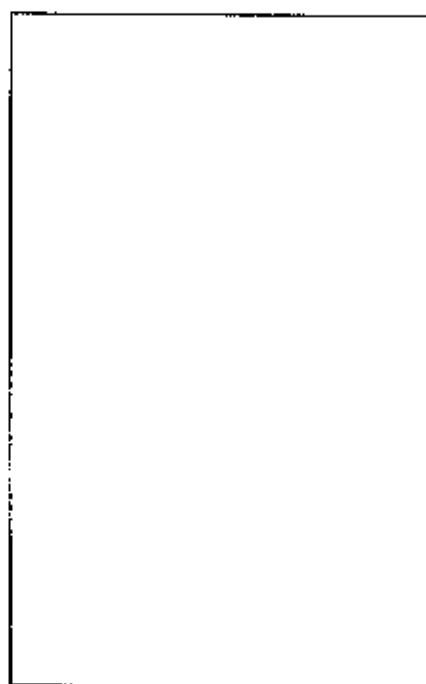
God made the world. He made the outdoors and everything in it. The birds and trees—God made them. He also made the rocks and fields.

Everything that God made is “natural” in our world. When you enjoy God’s world you are enjoying nature. “Nature Study” is enjoying God’s world in campcraft.

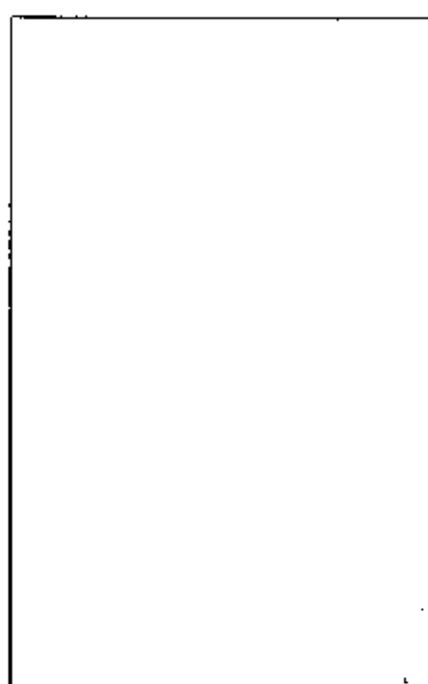
You can enjoy nature. Take a walk with your parent or your counselor. Walk around the block in your neighborhood. Notice the things God has made. Look for birds, bugs, and animals in God’s world. Draw a picture of them below.



INSECTS



ANIMALS



BIRDS

After you have finished, have your counselor mark your checklist on page 19.

CONSERVATION

Show your parent or an adult that you have made a habit of turning off your light switch to save energy. Keep a record of your actions for three weeks.

People who love the outdoors want to protect it. They want to save it for others to enjoy. You can help the outdoors. You can learn how not to hurt nature. You can do things to save and protect God's world. In campcraft, it is called "Conservation."

Here is one way you can help. You can turn off your light switch when you leave your room. How does that help? Many cities use things from nature to make electricity. This is used to light your room. By turning off your light switch you save electricity. Less of nature is used.

Keep track of your work for three weeks. You can use the chart below.

MY CONSERVATION RECORD

WEEK 1

WEEK 2

WEEK 3

Monday			
Tuesday			
Wednesday			
Thursday			
Friday			
Saturday			
Sunday			

DISCOVERER 1

FUN AND WORSHIP

Draw pictures of three things God has created.

When you enjoy the outdoors—you have fun. When you see God's world and thank Him—you worship Him. Look at God's world. Draw three things God has created. Use the space below.

You should have finished all of your Discoverer 1 activities. Make sure your counselor has marked your checklist. If you have done the activities, you are allowed to wear the Discoverer 1 patch. You will need to put this workbook in a safe place. Soon you will be in the second grade. You will work on the Discoverer 2 patch. See you there!

CHECKLIST



Date Checked by

- | | | |
|-------|-------|---|
| _____ | _____ | <p>1. TRIP PLANNING
Help your parent or an adult plan and take a picnic.</p> |
| _____ | _____ | <p>2. EQUIPMENT AND SHELTER
Learn and demonstrate to your parent or an adult how to make up your bed.</p> |
| _____ | _____ | <p>3. ROPECRAFT
Learn and demonstrate to your parent or an adult how to tie your shoelaces.</p> |
| _____ | _____ | <p>4. TOOLCRAFT
Learn and demonstrate to your parent or an adult how to use and care for a flashlight.</p> |
| _____ | _____ | <p>5. FIRECRAFT
Demonstrate to your parent or an adult that you know how to call the fire department in case of emergency. Post the telephone number near your home phone.</p> |



_____ 6. COOKING
Help your parent or an adult prepare a meal.

_____ 7. FIRST AID
Demonstrate to your parent or an adult how to properly apply a plastic bandage.

_____ 8. SAFETY AND SANITATION
Show your parent or an adult that you have made a habit of picking up and putting away dirty clothes daily. Keep a record of your activity for three weeks.

_____ 9. MAP AND COMPASS
Learn and recite your home address for your parent or an adult.

_____ 10. NATURE STUDY
Take a nature walk in your neighborhood with your parent or an adult. Identify birds, insects, and animals on your way and draw pictures of them.

_____ 11. CONSERVATION
Show your parent or an adult that you have made a habit of turning off your light switch to save energy. Keep a record of your actions for three weeks.

_____ 12. FUN AND WORSHIP
Draw pictures of three things God has created.

_____ has completed the requirements for Discoverer 1 and may now wear the Discoverer 1 patch.

Date Completed: _____ Signed: _____

Counselor

DISCOVERER SKILLS 2

Are you ready for outdoor action? Let's discover campcraft. You are now in the second grade. Discoverer 2 is for you.



There are 12 areas you need to know about in campcraft. In Discoverer 2, you will learn and do activities about each area. You will do two things in each of these campcraft areas.

At the end of this chapter you will find a checklist. The checklist shows the 12 areas you will learn about. As you do your work, have your counselor mark your checklist. Soon you will be able to wear the Discoverer 2 patch.

TRIP PLANNING

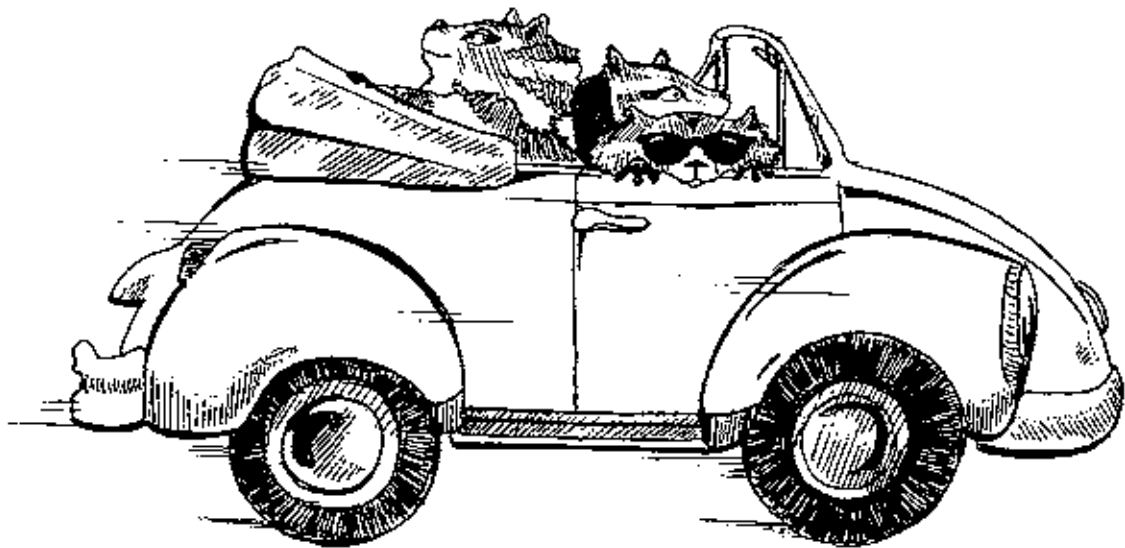
AN OUTDOOR TRIP

- a. Plan and conduct an outdoor trip such as fishing, boating, sledding, or snow skiing with your parent or an adult.

Planning outdoor trips is important. It is the first thing you must do. Planning is easy. Follow the steps below.

1. Think of what you want to do.
2. Think of where you want to go.
3. Think of when you will go.
4. Think of what you should bring.

Try planning an outdoor trip with your counselor or parent. You may go fishing, boating, sledding, or skiing. Maybe there are other things you wish to do outdoors. Plan and then go on your trip. Have your counselor mark your checklist on page 46.



Answer the questions below.

1. Where did you go? _____
2. When did you go? _____
3. What did you do? _____



ANOTHER TRIP

- b. Plan and conduct a trip to a local attraction, such as a museum, ball game, or zoo, with your parent or an adult.

Now that you have tried planning, plan another trip. This time go to a place in your city or town. You may visit a museum, ball game, or zoo. You may find some other activity you like better. Write two sentences that tell what you did.

1. _____

2. _____

After you finish the sentences, have your counselor mark your checklist.

EQUIPMENT AND SHELTER

SHELTER

- a. Make a fun shelter from a large cardboard box.

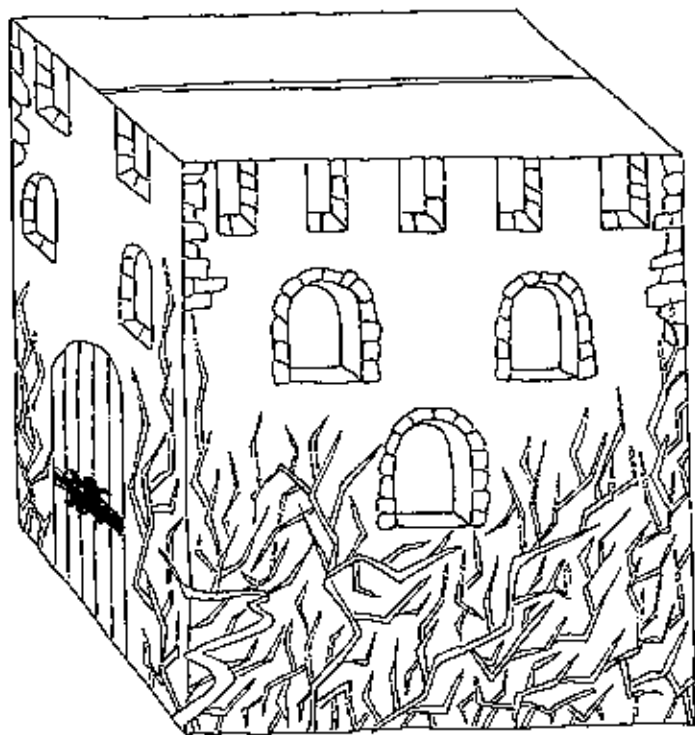
Shelters are places that protect us from the outdoors. Shelters are fun to make. Try making this shelter out of a cardboard box. Get your parent or counselor to help you.

You will need:

a large cardboard box
(big enough to get inside)
scissors poster paint or markers

Directions:

1. Cut a door into the box.
2. Cut windows.
3. Paint or decorate your shelter.



When you finish your box shelter, have your counselor mark your checklist.

TYPES OF SHELTER

b. Draw a picture of three different types of shelter.

There are many kinds of shelters. Can you think of three?
Draw a picture of them. Use the space below.

A large, empty rectangular box with a thin black border, intended for drawing the first of three types of shelters.A large, empty rectangular box with a thin black border, intended for drawing the second of three types of shelters.A large, empty rectangular box with a thin black border, intended for drawing the third of three types of shelters.

When you have finished this activity, have your counselor mark your checklist on page 46.

ROPECRAFT

WHAT IS ROPE?

- a. Unravel a piece of rope and explain to your parent or an adult how it is made.

Rope is your best friend outdoors. You can do many things with rope. Knowing about rope is called "Ropecraft."

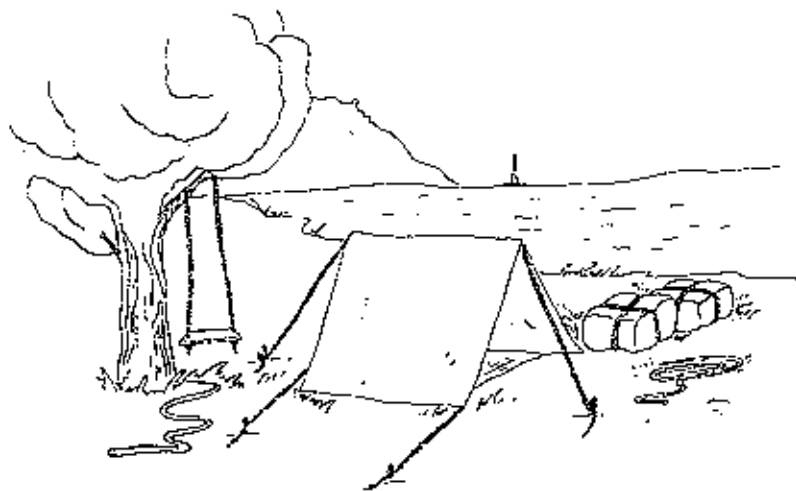
Rope is made of many things. Try to undo a piece of rope. Explain to your parent or adult how it is made. Use the questions below to help you. Circle the best answer.

1. How many parts did the rope have? (3, 4, 5)
2. Of what was the rope made? (grass, plastic)
3. How do you think the rope was made? (twisting, weaving)

USING ROPE

- b. Explain three different ways to use rope to your parent or an adult.

There are many ways rope is used. Can you think of three ways? Tell your parent or counselor. Circle three uses of rope in the picture below.



TOOLCRAFT

USING TOOLS

- a. Demonstrate to your parent or an adult how to properly drive a nail and a tent stake with a hammer.

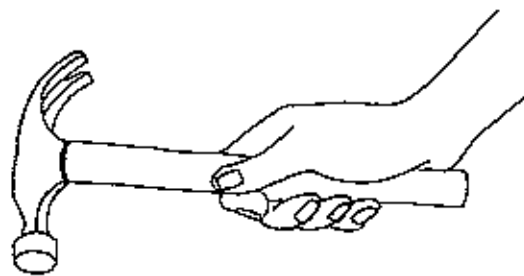
“Toolcraft” is knowing how to use tools in campcraft. It is also knowing how to take care of tools. The first tool you will learn to use is a hammer.

Hammers are useful tools. You can hammer nails into craft projects. You can hammer stakes for a tent. (A tent stake is like a big nail. It holds a tent close to the ground. It also helps keep the top up.)

All hammers have two parts. A handle is used to hold the tool. The metal head at one end is used to hit nails (or tent stakes).

Some hammers have a metal head that is forked on one side. This fork is used to pull nails out of wood. This hammer is called a “claw hammer.”

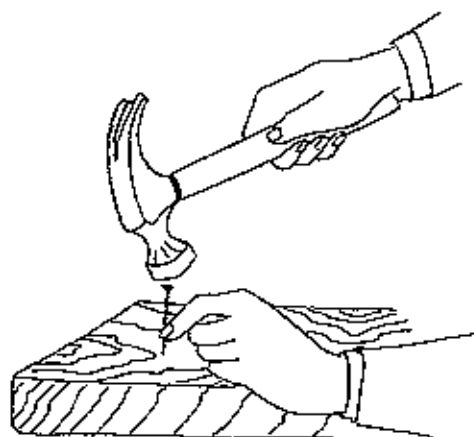
You can learn to use a hammer. Follow the steps below.



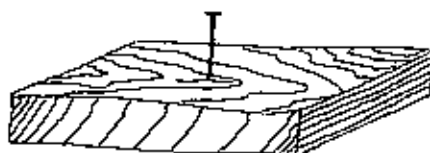
1. Hold the hammer by the handle.



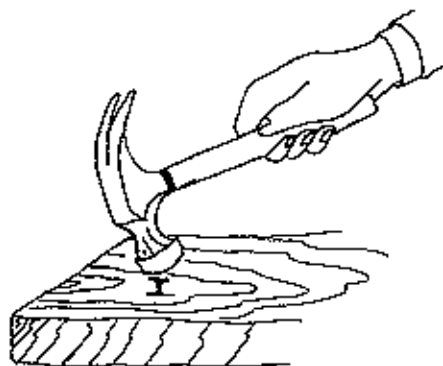
2. Hold the nail at the bottom (close to the sharp point) and against the wood.



3. Start the nail into the wood by tapping it lightly with the metal head of the hammer.



4. When the nail can stand up without you holding it, remove your hand from the nail.



5. Hold the hammer as far away from the metal head as you can. Strike the nail using the flat metal head. If you miss, try again. You must hit the nail with the center of the metal hammer head. If not, you will bend the nail. Do this until the nail is all the way into the wood.

Get your parent or counselor to show you how to pull nails out of wood. Show them what you have learned. Hammer a nail into a piece of wood. Then try hammering a tent stake into the ground. After you have shown them, have your counselor mark your checklist.

MAKING TOOLS

b. Make a canteen for a hike.

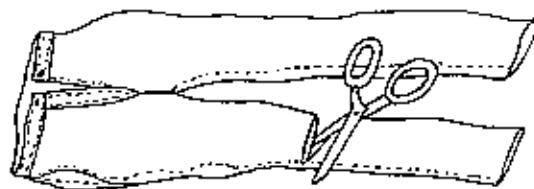
You can make a handy canteen for a hike. Follow the directions below.

You will need:

a plastic soft drink bottle

a cut-off piece of blue jeans leg

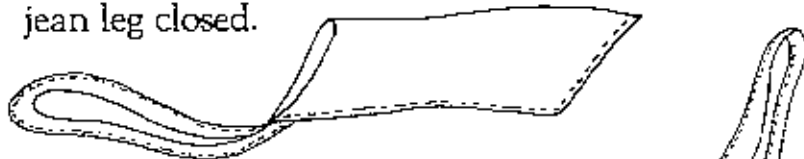
a strap, rope, or cloth for a handle (at least three feet long)



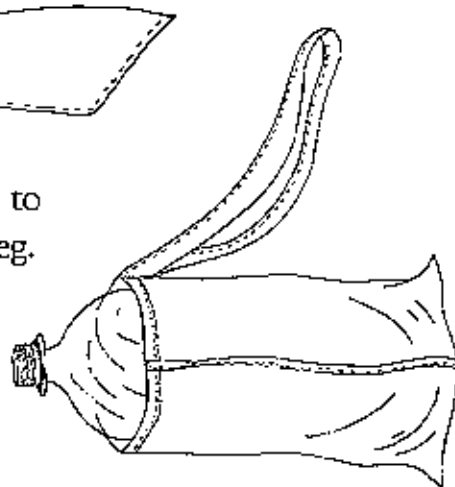
1. Cut off a piece of the leg from an old pair of blue jeans. This piece should be long and wide enough to go around the plastic bottle.



2. Get your parent or counselor to help you sew one end of the blue jean leg closed.



3. Sew or tie the handle to the open end of the leg.



4. Slide the bottle into the blue jean leg.

You now have a canteen you can carry with you anywhere! Have your counselor mark your checklist on page 46.

FIRECRAFT

YOUR FIRE DEPARTMENT

- a. Visit your local fire department with your parent or an adult.

Fire can be your friend or your enemy outdoors. Fire safety is important. It is called "Firecraft" in campcraft.

You can learn more about fire safety by visiting your local fire department. When you go, draw a picture of what you see. Have your counselor mark your checklist when you are finished.

THINGS THAT BURN

b. List things in your house that burn.

It is good to know what things might burn in your house. You can be extra careful to see that no fire is near them. It is another way to do fire safety.

Make a list of the things in your house that can burn. Get your parent or counselor to help you. After you have made your list, have your counselor mark your checklist on page 46.



THINGS THAT MAY BURN IN MY HOUSE

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

COOKING

GROCERY LIST

- a. Help your parent or an adult make a weekly grocery list and plan a trip to the grocery store.

Outdoor "Cooking" is a lot like Cooking inside. You need to do some of the same things. One of the things you must do is plan. Help your parent or adult make a list of things your family needs from a grocery store. Plan to go with him or her to get the things.

Have the adult help you write your list. Use the space below.

MY WEEKLY GROCERY LIST

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

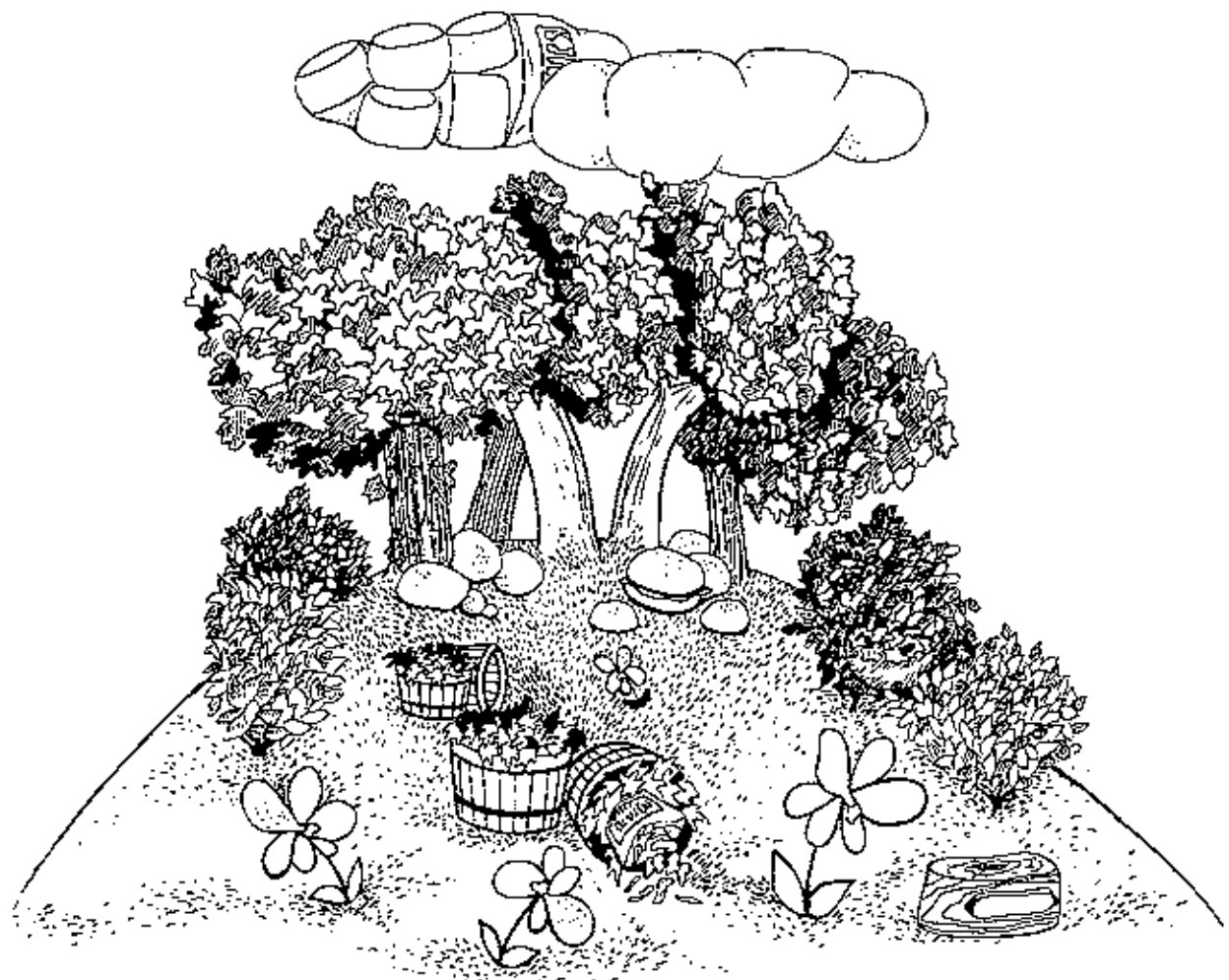
After you make your list and take your trip, have your counselor mark your checklist.

MENUS

b. Help your parent or an adult plan a menu for a cookout.

Cookouts are when you cook and eat outdoors. It is different from a picnic. You must cook the food you bring. Many families cook on a grill in their back yards. Some people cook at a park or around a camp fire.

If you plan to eat outdoors you need a "menu." A menu is a list of things you will eat and drink. Help your parent or counselor plan a menu for a cookout. In the picture below, find some of the food you could eat on a cookout. See if you can find the MARSHMALLOWS, HOT DOGS, HAMBURGERS, CHICKEN DRUMSTICK, POTATO CHIPS, SOFT DRINK, and SALAD.



After you help plan a menu for a cookout, have your counselor mark your checklist on page 46.

FIRST AID

EMERGENCIES

- a. Demonstrate to your parent or an adult how to call your local medical emergency unit. Post the telephone number near your home phone.

“First Aid” is the action you do first to help a person who is hurt. It is good to know when outdoors. It also helps at home. You can learn how to get help fast. Learn how to call medical help for someone who is hurt. Follow the steps below.

1. Stay CALM when calling the number.
2. Have the emergency number MEMORIZED. Place the telephone number next to your home phone.
3. Dial the number CAREFULLY and wait for someone to answer.
4. Speak SLOWLY and CLEARLY. Tell the person what has happened and the address where you are.
5. DON'T HANG UP until the person has the information he needs.



Write the telephone number to get medical help below.

Ambulance or Hospital Telephone Number

Copy the number on a piece of white paper. Cut out the number. Glue the number on blue construction paper. Place the number near your home telephone. Show your parent or counselor that you know how to call for medical help. Have your counselor mark your checklist on page 46 when you have finished this activity.

ACCIDENT HELPS

- b. Talk to your parent or an adult about what to do when someone has an accident.

Sometimes accidents happen. They can be inside the house or outside. Here are some ways you can help.

Someone Is Hurt Badly

What if someone falls down the stairs and is hurt? Or what if an older person becomes sick and doesn't move? What would you do? Try the following:

1. Stay calm. Do NOT try to move the person.
2. GET HELP QUICKLY! Go to an adult and tell him what has happened. If you can't find an adult in the house—go next door. Use the emergency telephone number to call for help if an adult can't be found.
3. Go back and stay with the person. Cover him with a blanket to keep him warm. Wait until help arrives.

Finish this story using the things you have learned.

Visiting Aunt June at her home is always fun. She bakes cookies and makes us lemonade. She loves telling stories and making us laugh.

One day, Mom and Dad went visiting for our church. We stayed with Aunt June. She told us many funny stories. During one of her stories, Aunt June took a deep breath. She fell to the ground and did not move. Quickly, I . . .

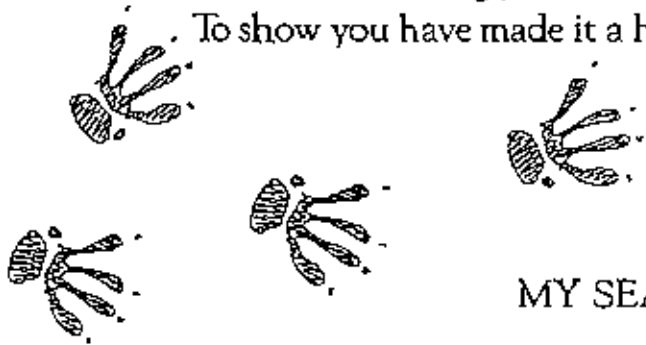
After you have finished this story, have your counselor mark your checklist.

SAFETY AND SANITATION

FASTEN YOUR SEAT BELT

- a. Show your parent or an adult that on every outdoor trip you have made a habit of fastening your auto seat belt. Keep a record of at least 10 trips.

Safety is an important outdoor skill. Many times safety habits stop us from getting hurt or sick. You can learn about safety habits. Make a habit of fastening your seat belt every time you ride in a car or truck. To show you have made it a habit, keep this record for at least 10 trips.



MY SEAT BELT RECORD

WHERE DID YOU GO?

WHEN DID YOU GO?

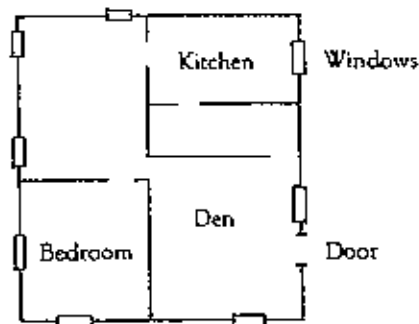
DID OTHERS
BUCKLE UP?

	WHERE DID YOU GO?	WHEN DID YOU GO?	YES	NO
TRIP 1				
TRIP 2				
TRIP 3				
TRIP 4				
TRIP 5				
TRIP 6				
TRIP 7				
TRIP 8				
TRIP 9				
TRIP 10				

GET OUT FAST

- b. Find two ways to get out of your house in case of fire and tell your parents or an adult about them.

Another safety help is to know at least two ways to get out of your house if it is on fire. In the square below, draw a "floor plan." A floor plan is a map of the inside of your house.



You can draw lines in the box below to show your room and other rooms in your house. Show only the rooms you need to use to get out of your house if it's on fire. Then draw a line for each path you have chosen to escape a fire.

MAP AND COMPASS

DRAW A MAP

- Draw a map of your back yard, neighborhood, church, or school.

What if you were a great tall giant? As a giant, you are taller than the highest building. Your head touches the clouds. If you looked down at your town, you could see everything. But it would look smaller and flat from up high. You would see your town like a map.

Maps are drawings on paper that show you where you are. They are helpful outdoors. They tell you where to go even if you don't know the area. Maps use "symbols" or shapes that show buildings, trees, streams, and other things.

You can make your own map. It's easy. Imagine what the things you see look like from up high. Draw them as boxes or circles or lines. Write beside each shape what it is. Try making a map of your back yard, neighborhood, church, or school. Make your map in the space below.

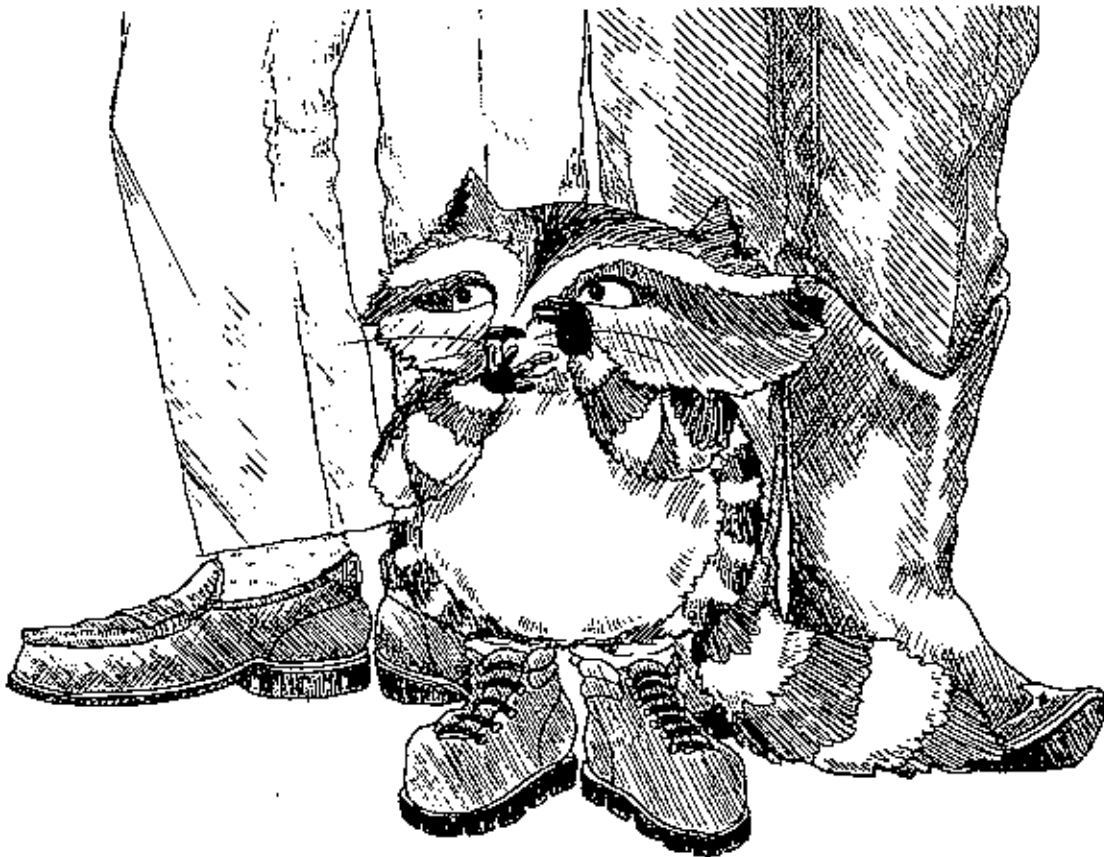


KEEP CALM

- b. Discuss with your parent or an adult what to do if you become separated from him or her in a crowded place.

Sometimes people get lost outdoors. They wander from a trail or away from their group. All the trees look the same. Sometimes people become afraid.

If you know what to do you will be safe. You will not be afraid. Learn what to do if you are lost in a crowd. It will help you later when you do more campcraft. Talk with your parents about what to do. After your talk, write about what to do. Write three or more sentences in the space below.



1. _____

2. _____

3. _____

NATURE STUDY

TREE BARK

- a. Make and collect at least three tree bark rubbings. Identify the trees from which they came.

The things God has made in His world are called "nature." Nature is the word that describes most of the outdoors. It includes rocks, trees, streams, forests, animals, insects, and other things God made. Learning about nature is called "Nature Study."

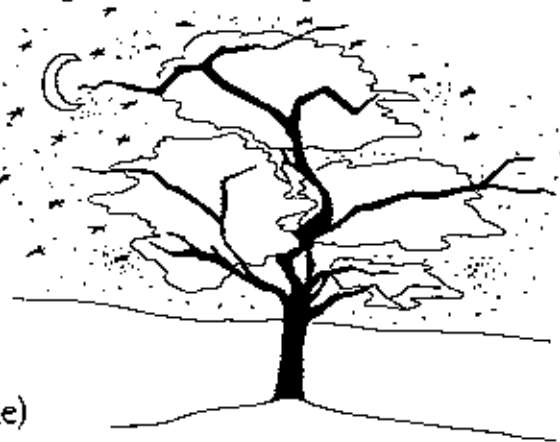
You can have fun collecting things from nature. But, you have to be careful not to hurt nature while you collect. Try collecting tree bark rubbings.

Tree bark is not the sound an angry tree makes. It is the outside "skin" of a tree. Every tree has a different kind of bark. You can collect bark without hurting trees by making tree bark rubbings. Follow the steps below:

RUBBINGS

You will need:

- 3 or more pieces of white paper
- 1 or more wax crayons (any color you like)



1. Find at least three trees from which you would like to get rubbings.
2. Ask your parent or counselor to help you find out what kind of tree it is.
3. Place one sheet of white paper over the bark of the tree.
4. Using the side of the crayon, rub lightly over the white paper.
5. You will slowly see the pattern of the bark appear. (Smooth barks work better than rough barks.)
6. Write the name of the tree on the back of your rubbing. You can also make rubbings of leaves. Can you figure out how?

Make a collection of at least three different types of tree bark. Write the names of the trees you used in your collection below.

1. _____

2. _____

3. _____

After you have made the rubbings, ask your counselor to mark your checklist.

ROCK CREATION

- b. Create an animal, car, or other creation out of a rock with paint and glue.

You can make fun things out of nature. Try making something from rocks. Ask your parent or counselor to help. Follow the instructions below.

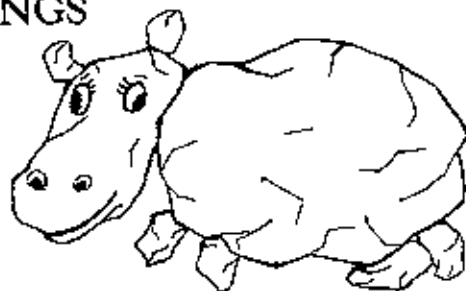
ROCKS AND THINGS

You will need:

2 or more small rocks

epoxy glue

enamel paint (colors you like)



1. Look at the rocks. Decide what you think they could be. Can you make an animal? A car? How about a new machine?
2. Glue the rocks into place using epoxy glue. Ask your counselor or parent to help you.
3. After the glue is dry, paint your creation. You will have fun playing with your creation. You may even give it as a gift.

Write the name of your creation below:

When you have finished your rock creation, show your counselor. He will mark your checklist on page 46.

CONSERVATION

LITTER PICKUP

- a. Pick up litter in your yard or neighborhood with your parent or an adult.

“Conservation” is a word that means save or protect. We always want to conserve nature and the outdoors. We want to save nature for others to enjoy. Many times people do “Conservation projects.” These are activities that save nature from harm.

You can do a Conservation project. You can pick up litter in your yard, neighborhood, or at church. Do this project with your parent or counselor. You will feel good. You have helped to protect the outdoors from ugly trash.



What other things can you do? Write them below.

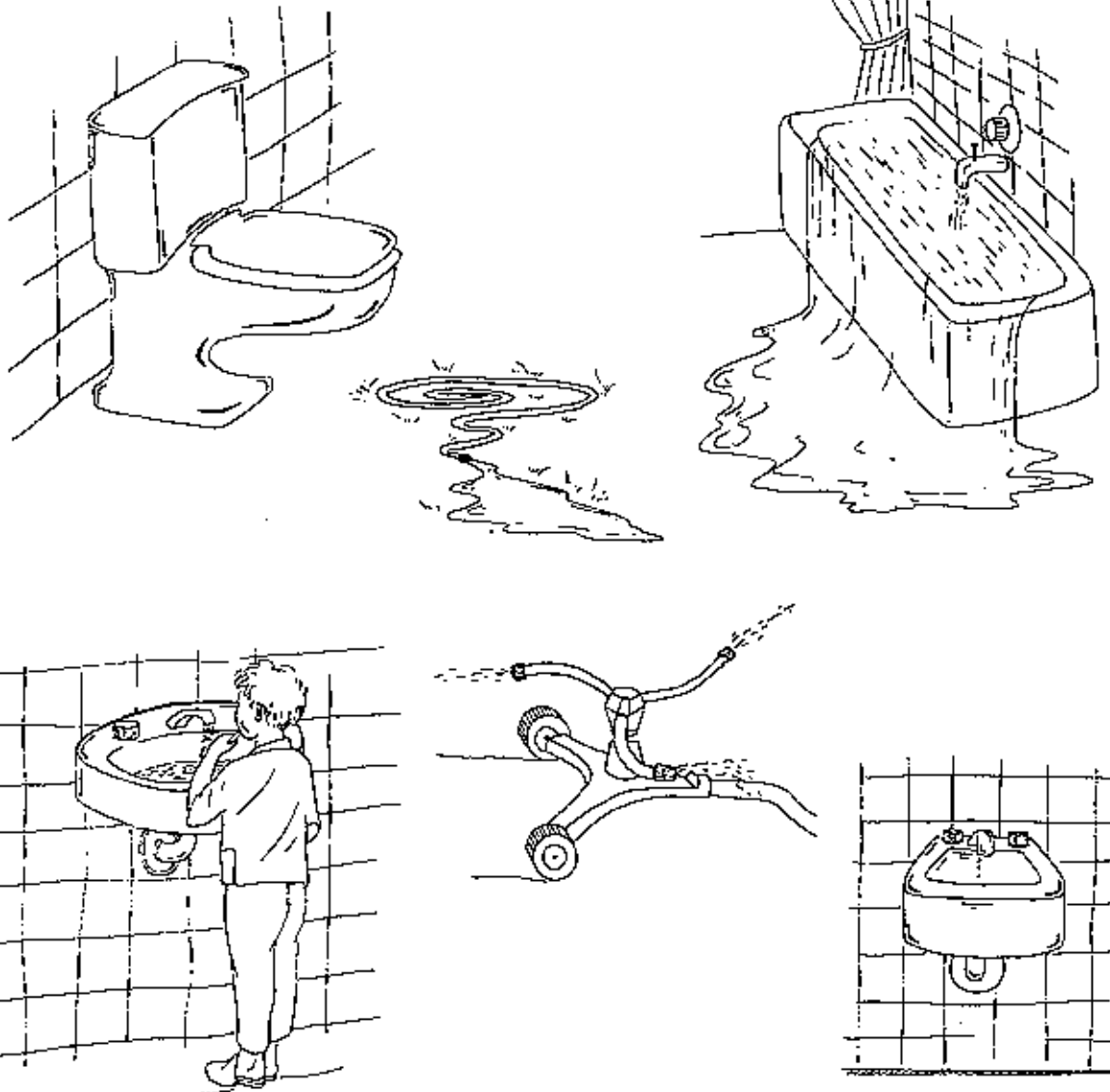
1. _____
2. _____
3. _____

When you finish your litter pickup project, ask your counselor to mark your checklist.

SAVE WATER

b. Learn ways to conserve water and demonstrate them to your parent or an adult.

Have you ever visited a pond or lake? How about a small stream or large river? Water is important to all living things. We must have water to live. We must protect and save the water on earth. We should be wise in our use of God's world. One way to help is to save water. We can save water at home. Circle the things that could be water wasters.



(Answer: They are ALL water wasters.)

Show your parent or counselor how you can save water. Have your counselor mark your checklist.

TRAVEL GAME

- b. Learn and play a travel game that you could play in a car or on an outdoor trip.

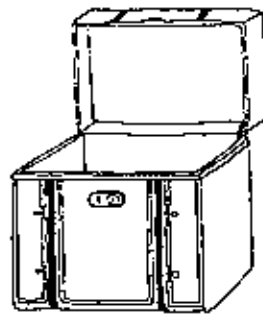
Sometimes we must travel to and from outdoor areas. One way to make the trip shorter is to play travel games. Here are some to try.

ABCs

Try to find words on signs, cars, or buildings that begin with a letter of the alphabet. Start with "A." When you see a word that starts with "A," say it. The first person to say the word moves to the letter "B." The first person to get to "Z" wins.

GRANDFATHER'S TRUNK

This is a game of memory. The object of the game is to remember a list of things. Begin by saying, "I packed my grandfather's trunk, and in it I put ...". Then name something. The next player says the same sentence but adds something else. The next player repeats the sentence and adds still another item. The game continues until someone forgets one of the items added or mixes up the order of the things in grandfather's trunk.



There are many other travel games. Learn one. Write the name of it here: _____

Tell it to your counselor. He will mark your checklist.

You should have finished all of your Discoverer 2 activities. Make sure your counselor has marked your checklist. If you have done the activities, you are allowed to wear the Discoverer 2 patch. Put this book in a safe place. Soon you will be in the third grade. You will work on the Discoverer 3 patch. See you there!

CHECKLIST



Date Checked by

- | | | |
|-------|-------|--|
| _____ | _____ | 1. TRIP PLANNING |
| _____ | _____ | a. Plan and conduct an outdoor trip such as fishing, boating, sledding, or snow skiing with your parent or an adult. |
| _____ | _____ | b. Plan and conduct a trip to a local attraction, such as a museum, ball game, or zoo, with your parent or an adult. |
| _____ | _____ | 2. EQUIPMENT AND SHELTER |
| _____ | _____ | a. Make a fun shelter from a large cardboard box. |
| _____ | _____ | b. Draw a picture of three different types of shelter. |

3. ROPECRAFT

- _____
- _____
- a. Unravel a piece of rope and explain to your parent or an adult how it is made.
 - b. Explain three different ways to use rope to your parent or an adult.

4. TOOLCRAFT

- _____
- _____
- a. Demonstrate to your parent or an adult how to properly drive a nail and a tent stake with a hammer.
 - b. Make a canteen for a hike.

5. FIRECRAFT

- _____
- _____
- a. Visit your local fire department with your parent or an adult.
 - b. List things in your house that burn.

6. COOKING

- _____
- _____
- a. Help your parent or an adult make a weekly grocery list and plan a trip to the grocery store.
 - b. Help your parent or an adult plan a menu for a cookout.

7. FIRST AID

- _____
- _____
- a. Demonstrate to your parent or an adult how to call your local medical emergency unit. Post the telephone number near your home phone.
 - b. Talk to your parent or an adult about what to do when someone has an accident.

8. SAFETY AND SANITATION

- _____
- a. Show your parent or an adult that on every outdoor trip you have made a habit

of fastening your auto seat belt. Keep a record of at least 10 trips.

_____ b. Find two ways to get out of your house in case of fire and tell your parent or an adult about them.

9. MAP AND COMPASS

_____ a. Draw a map of your back yard, neighborhood, church, or school.

_____ b. Discuss with your parent or an adult what to do if you become separated from him or her in a crowded place.

10. NATURE STUDY

_____ a. Make and collect at least three tree bark rubbings. Identify the trees from which they came.

_____ b. Create an animal, car, or other creation out of a rock with paint and glue.

11. CONSERVATION

_____ a. Pick up litter in your yard or neighborhood with your parent or an adult.

_____ b. Learn ways to conserve water and demonstrate them to your parent or an adult.

12. FUN AND WORSHIP

_____ a. Write a prayer of thanks for the outdoors in letter form.

_____ b. Learn and play a travel game that you could play in a car or on an outdoor trip.

_____ has completed the requirements for Discoverer 2 and may now wear the Discoverer 2 patch.

Date Completed: _____ Signed _____

Counselor

DISCOVERER 3

SKILLS



The quiet trees are whispering. The shiny brook is giggling. The forest animals are chattering. Why? Because you are about to discover them. You are becoming an outdoor Discoverer!

You are now in the third grade. Discoverer 3 is for you. Discoverer 3 will teach you about campcraft. Campcraft is discovering outdoor skills.

There are 12 areas you need to know about in campcraft. In Discoverer 3, you will learn and do activities in each area. You will do three things in each of these campcraft areas.

At the end of this chapter you will find a checklist. The checklist shows the 12 areas you will learn about. As you do your work, have your counselor mark your checklist. Soon you will be able to wear the Discoverer 3 patch.

TRIP PLANNING

Camping and hiking are fun. Soon you will be ready to enjoy these fun outdoor things. But first you must learn a few skills. You must learn "Trip Planning."

In Discoverer 3 you are going to go on a few outdoor trips. You will visit interesting places. You will learn how to plan outdoor trips. This will help you later in campcraft.

In planning your trips, remember these things:

1. Think of what you want to do.
2. Think of where you want to go.
3. Think of when you will go.
4. Think of what you should bring.

Try planning the following trips with your counselor or parent. Answer the questions. Then go on your trip and do the activities required. As you complete the trips below, have your counselor mark your checklist on page 79.



VISIT A PARK

- a. Plan a visit to a city, state, or national park.

1. Where will you go? _____

2. What do you want to do? _____

3. When will you go? _____

4. What should you bring? List the things here: _____

5. Who is going with you? List the people here: _____

After the visit

See if you can get a booklet or other printed paper with your park's name on it. Attach it to this page. If you couldn't get a booklet, then draw a picture of something you saw and attach it to this page.



ENERGY VISIT

b. Visit a dam, power plant, or electric company with your parent or an adult.

1. Where will you go? _____

2. What do you want to do? _____

3. When will you go? _____

4. What should you bring? List the things here: _____

5. Who is going with you? List the people here: _____

See if you can get a booklet or other printed paper with the name of the place you visited on it. Attach it to this page. If you couldn't get a booklet, then draw a picture of one thing you saw and attach it to this page.

WORK PLACE

c. Plan and visit a local factory or other work place, such as a bottling company, assembly plant, or garment manufacturer, with your parent or an adult.

1. Where will you go? _____

2. What do you want to do? _____

3. When will you go? _____

4. What should you bring? List the things here: _____

5. Who is going with you? List the people here: _____

After the visit

See if you can get a booklet or other printed paper with the name of the place you visited on it. Attach it to this page. If you couldn't get a booklet, then draw a picture of one thing you saw and attach it to this page.

EQUIPMENT AND SHELTER

"Equipment and Shelter" is used to make your outdoor trips fun and easy. Learn about Equipment and Shelter from the activities below. As you complete each activity, have your counselor mark your checklist.

AUTO KIT

- a. Discuss and assemble with your parent or an adult an Emergency Auto Kit for your car.

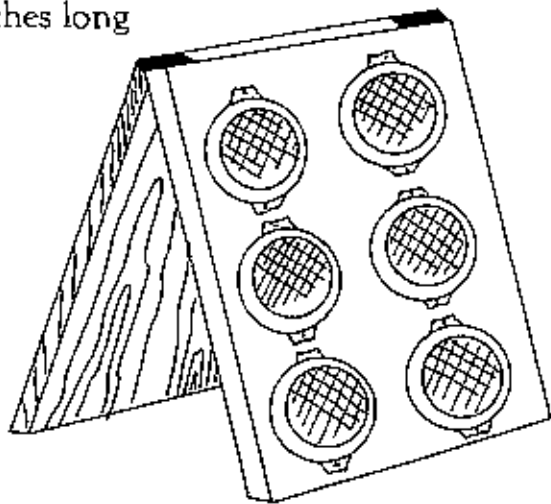
Most outdoor trips begin in a car. Automobile safety is important when riding to and from outdoor areas. An Emergency Auto Kit can help if your car breaks down. It is a helpful piece of equipment. Make an Emergency Auto Kit for your car. Ask your parent or counselor to help you. Follow the steps below. Talk about the use of each item as you make the kit.

You will need:

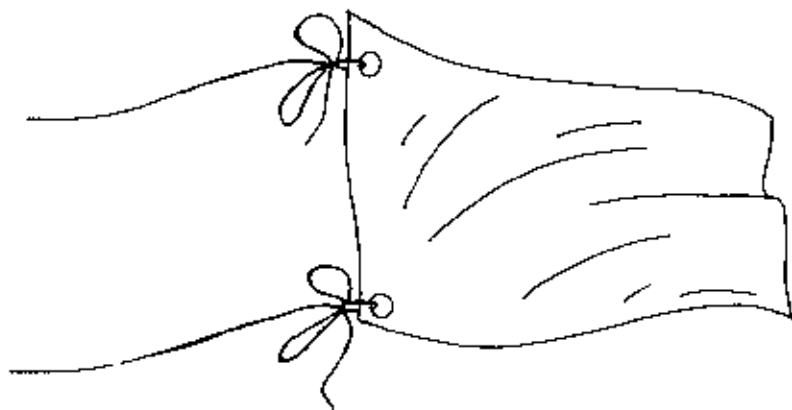
- a box (large enough to hold items below)
- a cloth rag
- 2 plywood boards 8 inches wide and 11 inches long
- 2 2-inch squares of leather
- 6 2-inch (or larger) reflectors
- a piece of red plastic 10 inches wide and 14 inches long
- string
- a flashlight
- a can of flat fixer
- a First Aid Kit
- 2 quarters
- an envelope (business size or larger)
- a city or state road map
- electrical tape
- markers or paint

optional items:

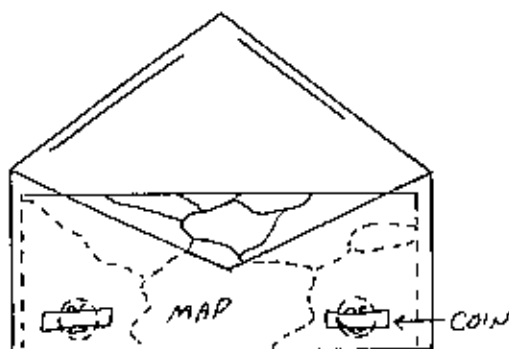
- can of auto oil
- blanket
- empty gas can
- plastic water pail



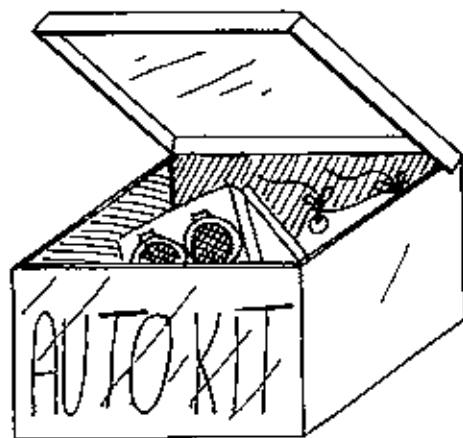
1. Attach the 6 reflectors to one side of one of the plywood boards. Use the leather squares as hinges at the top of the boards. (See drawing.) You will use this if your car breaks down at night.



2. Punch two small holes in the red plastic as shown. With your parent or counselor, tie two pieces of string to each hole. This will be a warning flag to tie to your car's antenna if your car breaks down during the day.



3. Tape the 2 quarters to the inside of the long envelope. See if you can put the map in the envelope too. Write on the outside "MAP AND TELEPHONE MONEY." You will use the map to find your way if you become lost. You will use the money to call for help in case of emergency.



4. Use markers or paint to write "AUTO KIT" on the box. Place all items in the box. Put box in the trunk of your car.

SHELTERS OF THE WORLD

- b. Collect five pictures of different shelters for different people of the world.

Shelter is something that protects you from bad weather. It is used in camping to make your trip fun. Around the world, many people have different kinds of shelters. Use your *Lad* magazine or other magazines and find pictures of different kinds of shelters. Cut out five of them. Glue them in the space below.



GET DRESSED

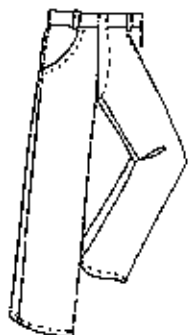
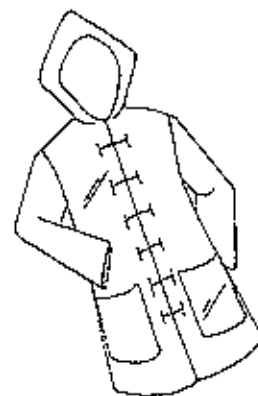
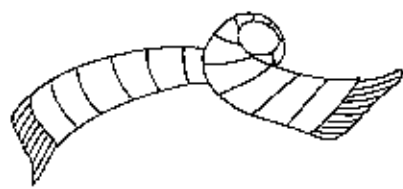
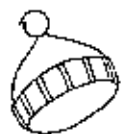
c. Explain to your parent or an adult how to dress for different weather and climates.

Look at the clothing below.

1. Name each article of clothing pictured. _____

2. Name all the things shown that a person may wear at one time.

3. Write the type of weather or time of year for each article of clothing. Write this under each article of clothing.



ROPECRAFT

“Ropecraft” is knowing how to use rope in campcraft. Learn about Ropecraft from the activities below. As you complete each activity, have your counselor mark your checklist.

COLLECT ROPE

- a. Make a collection of at least five different types of rope. Explain to your parent or an adult how they are used.

There are many different kinds of rope. Many are made of different materials. Some are twisted together differently. Find and collect five types of rope. Make a tag for each one. Write on the tags, Rope 1, Rope 2, Rope 3, Rope 4, or Rope 5. In the space below write one sentence about each rope. Tell for what purpose you think it was made.

ROPE 1 _____

ROPE 2 _____

ROPE 3 _____

ROPE 4 _____

ROPE 5 _____

HISTORY

- b. Illustrate the history of rope with a drawing or clay model.

Rope History

Rope has been used by people for a long time. Men learned to make strong ropes by twisting reeds or roots together. Some men used strips of hide or bark to make rope. Many years ago, people who lived near lakes made rope nets to catch fish and wild animals. Ancient Egyptians made ropes out of their paper plant and palm trees. North American Indians used cactus and bark to make rope. Some tribes used hides and animal hair. Plants were grown in China to make rope as early as 2,800 years before Christ was born.

The early rope maker was an artist. He made rope in a different way. First, he wrapped fibers from plants around his waist. He would tie a few of the fibers to a spinning wheel. He turned the wheel by hand. Walking backward

from the wheel he twisted the fibers. This "ropewalk" became the length of the rope he spun.

Rope was made in Boston, Massachusetts, as early as 1642. Many ropes were needed by the fishing and sailing ships. Modern rope making began with the invention of a rope-twisting machine in England in 1820.

You now know something about the history of rope. Make a clay model or drawing that tells about the history of rope. Use your imagination.

TIE A PACKAGE

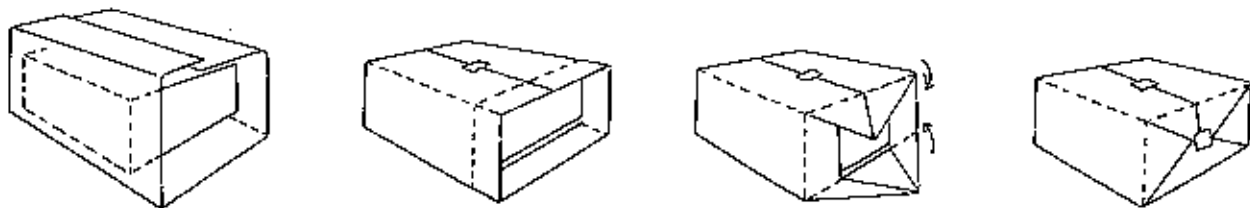
- c. Demonstrate to your parent or an adult how to wrap and tie a package for mailing.

One of the first uses for rope you will learn is how to wrap and tie a package. Follow the steps below.

Wrapping the package

You will need: paper (gift paper or paper sack) package tape

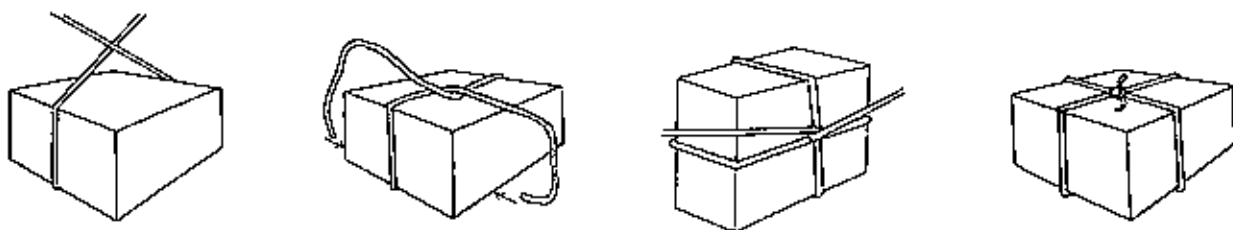
1. Cut a large piece of paper from the roll or sack you are using. This paper should be $2\frac{1}{2}$ times as long and several inches wider than your package.
2. Wrap the package as shown.



Tying the package

You will need: wrapped package string

1. Follow the directions as shown. Ask your parent or counselor to help.



TOOLCRAFT

"Toolcraft" is knowing how to use tools in campcraft. Learn about Toolcraft from the activities below. As you complete each activity, have your counselor mark your checklist.

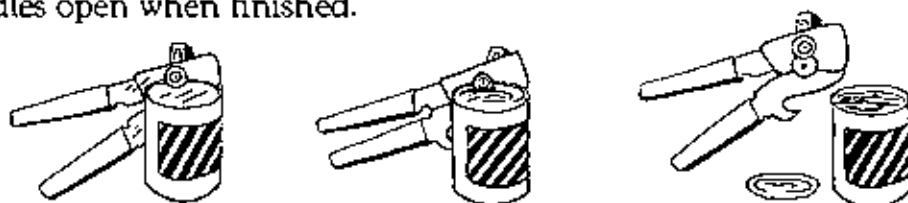
CAN OPENER

- a. Demonstrate to your parent or an adult how to safely use a hand-operated can opener.

The can opener is a useful tool in campcraft. There are many kinds of can openers. There are electric can openers. There are turn-key can openers. There are small "GI" can openers. See drawings below.



Most can openers operate in the same way. First, hook the small gear under the rim of the can as shown. Second, squeeze the handle to punch the small metal blade into the top of the can. Then turn the key clockwise if it is a turn-key can opener. If it is an electric can opener, it will turn automatically. Lift the handles open when finished.



The GI can opener is a little different to use. Open the "wings" of the GI can opener as shown. Punch the small metal blade into the top of the can along the rim (see drawing). Then slowly move the handle up and down turning the can slightly. This action will move the blade around the top of the can.



The can opener is a wonderful invention, but at times it can leave a jagged edge on the opened can. Handle with care!

TOOL HOLDER

b. Make a tool apron or tool storage roll.

Have your parent or counselor help you make these fun items.

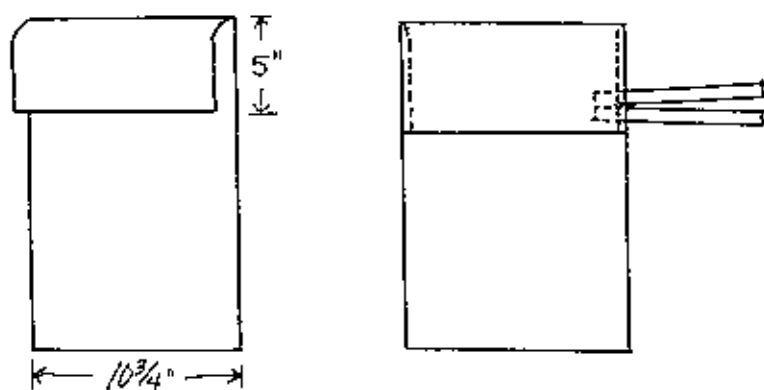
Tool Storage Roll

You will need:

a piece of cloth 19 inches long and $10\frac{3}{4}$ inches wide (You may use an old towel instead.)

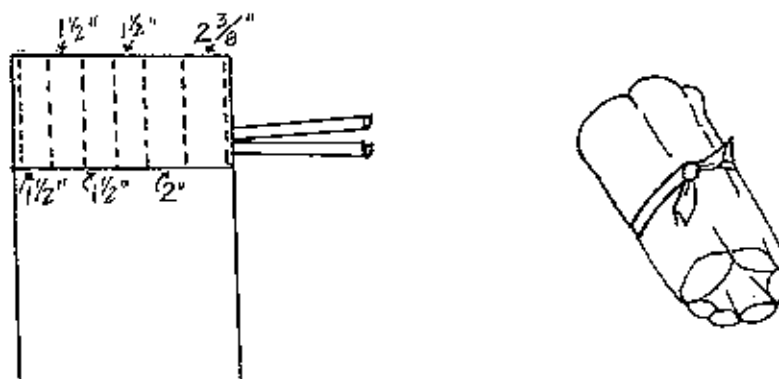
a small strip of cloth 14 inches long and $\frac{1}{2}$ inch wide

thread
sewing needle (or get your parent to help you sew it on a sewing machine)



Step 1: Fold one end of the cloth to form a 5-inch pouch.

Step 2: Fold the small strip of cloth in half. Insert it in the seam of the pouch. Sew the edges of the pouch $\frac{1}{4}$ inch from the edge.



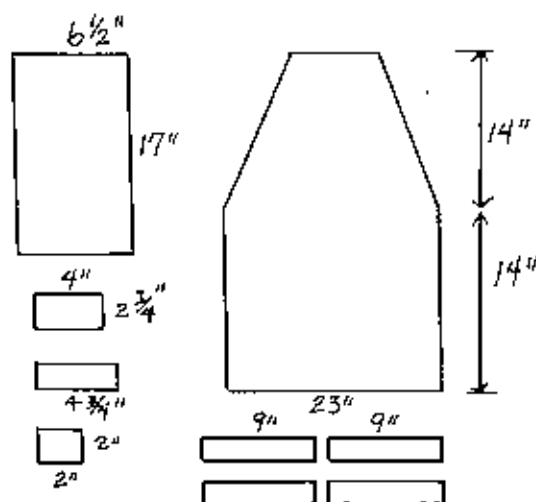
Step 3: Next sew in the dividers. See drawing.

Step 4: You're done. Put in your tools, fold the top flap over them. Roll them up, and tie it all together with the strip of cloth.

Tool Apron

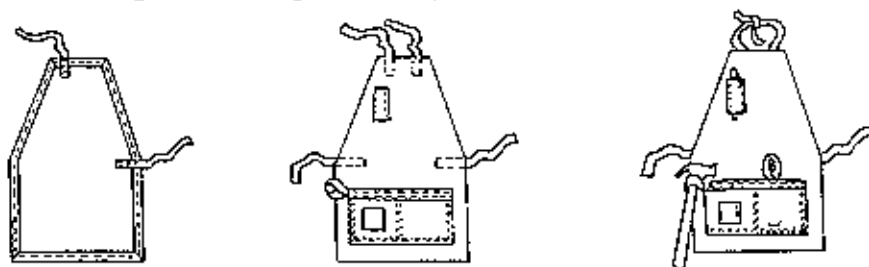
You will need:

1 yard denim
1 yard of flat lacing material
thread
sewing needle (or get your parent to help you sew it on a sewing machine)



Step 1: Cut each piece of the apron as shown.

Step 2: Fold the edges of the apron body 1/2 inch in from the edge and sew.



Step 3: Fasten the ties to the apron body and stitch. Sew the hammer loop to the apron body. Attach the pencil pocket as shown. Position, pin, and sew the main pocket.

Step 4: You're done! Put the apron on. Adjust the lacing at the back of your neck. Tie it. Tie the waist loop in place, and you're ready to work.

SHOVEL CARE

- c. Demonstrate to your parent or an adult how to use and care for a shovel.

A good camper takes care of his tools. A shovel is a useful camping tool. With a camping shovel you can clear places for fires and dig holes to plant trees.

When you use a shovel, wipe it clean before you put it away. If you always put it away in the same place, you won't have to hunt for it when you need it. When you use a shovel and put it down for a minute, always be sure to put the blade of the shovel toward the ground. Otherwise you may step on it and cut your foot.

Now that you know how to care for a shovel, show your parent or counselor that you know how to use it properly.

FIRECRAFT

“Firecraft” is knowing how to use fire in campcraft. Learn about Firecraft from the activities below. As you complete each activity, have your counselor mark your checklist.

CAMP FIRE SAFETY

- a. Explain to your parent or an adult the safety rules for camp fires.

Know these camp fire safety rules.

1. Never play with matches. They are powerful tools of camping that should never be abused.
2. Never play with a camp fire. Camp fires are made to cook, provide light, and warm campers—not to provide fuel for dangerous stunts.
3. Always stay at least 3 feet away from any camp fire. Sparks can be dangerous to campers not expecting them.
4. Know what to do in case your clothes catch fire. If your clothes catch on fire, from a camp fire or any other fire, do these three things.
 - a. Drop to the ground.
 - b. Roll and cover your face.
 - c. If you see a coat or blanket, wrap yourself as you roll.

FIRE HELPERS

- b. Make a buddy burner or homemade fire starter logs.



Here are two fire helpers you can make. Use each one carefully and wisely with an adult's help.

Buddy Burner

A “buddy burner” is a small, movable cooking fire you can make. It's easy. Follow the steps below.

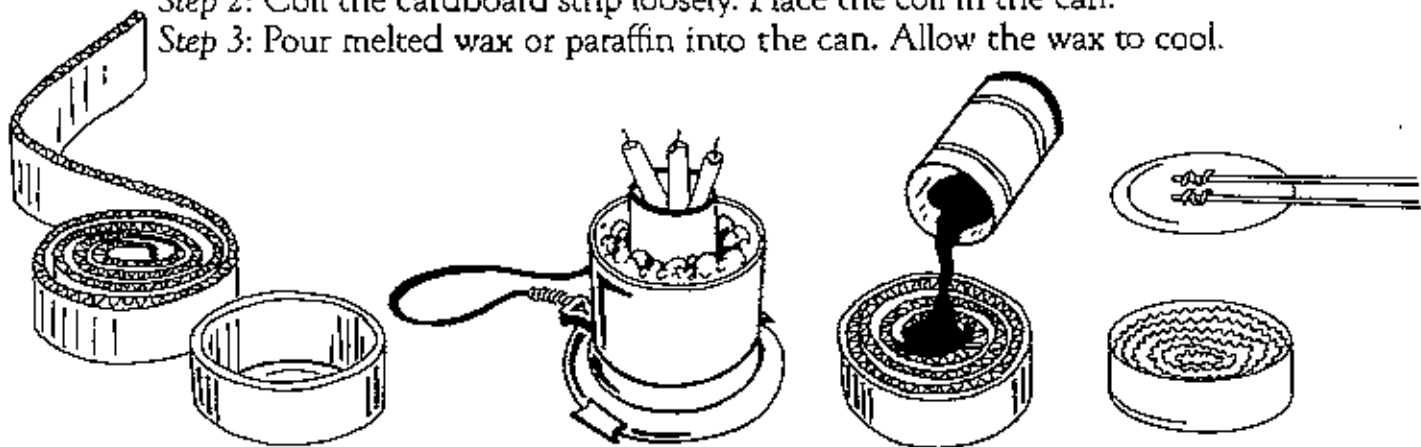
You will need:

tuna fish can
corrugated cardboard
wax or paraffin

Step 1: Cut the cardboard into a long strip shorter than the height of the tuna fish can.

Step 2: Coil the cardboard strip loosely. Place the coil in the can.

Step 3: Pour melted wax or paraffin into the can. Allow the wax to cool.



Step 4: You now have a portable buddy burner. It can be lighted and placed under a small tin can stove. If you would like to make the stove, get a copy of *Brotherhood Campcraft*. It will show you how to make it.

To put the fire out, lay a pan over the can and smother it.

Fire Starter

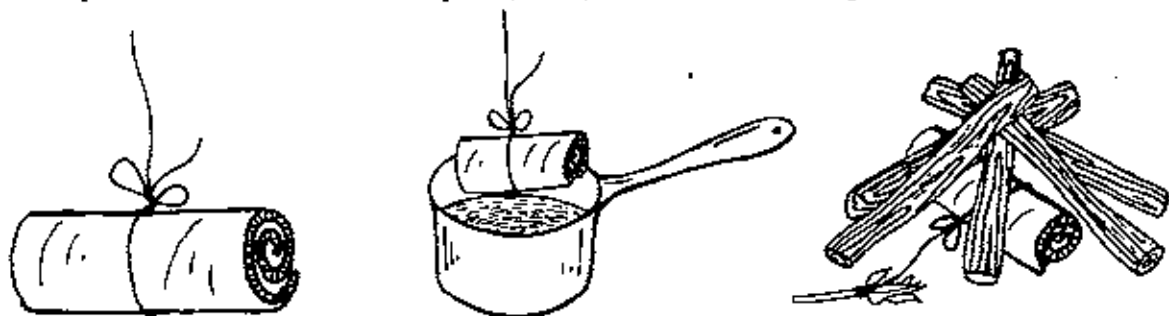
You can make a wet wood fire starter. It's easy. Just follow the steps below.

You will need:

string
corrugated cardboard
wax or paraffin

Step 1: Roll a small strip of cardboard tightly. Tie one end of the string around it to keep it tight.

Step 2: Melt wax in an old pan (one you will not use again for cooking).



Step 3: Hold the cardboard roll in the air by the string. Dunk the roll into the hot wax. Wait one or two minutes.

Step 4: Pull the roll out of wax. Let dry. You now have a wet wood fire starter. To use: place under wood and light with a match. Use this only with an adult present.

USES OF FIRE

c. Tell your parent or an adult some good and bad uses of fire.

Fire can be our friend or our enemy. Think a few minutes about some good and bad uses of fire. Write them in a list below.



Good Uses of Fire

1. _____

2. _____

3. _____

4. _____

Bad Uses of Fire

1. _____

2. _____

3. _____

4. _____

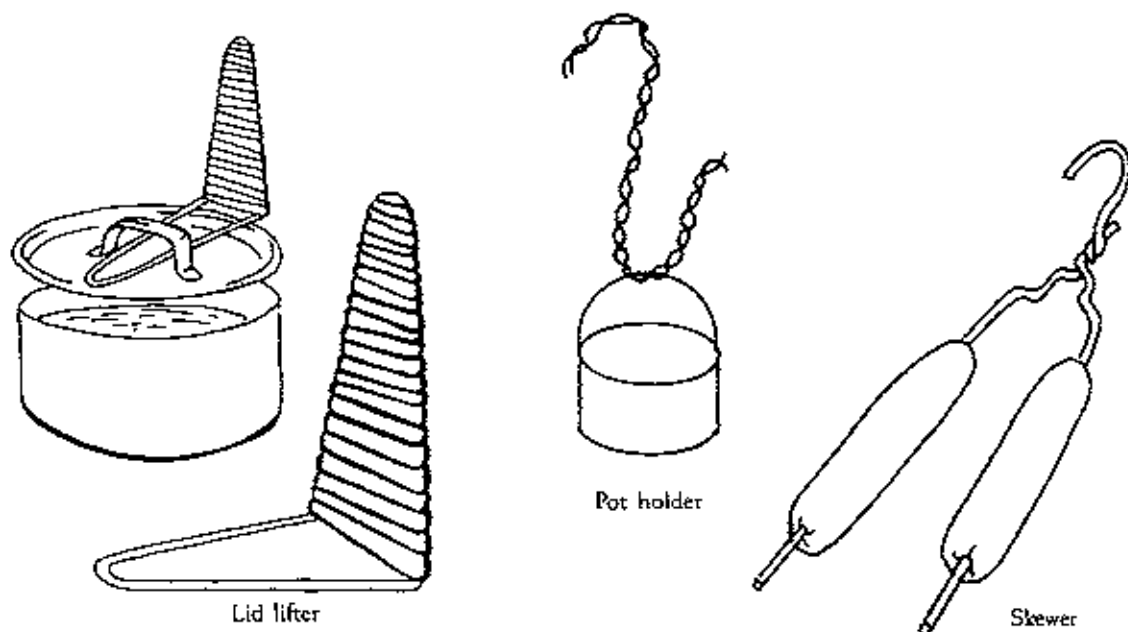
COOKING

"Cooking" is knowing how to make tasty meals in campcraft. Learn about Cooking from the activities below. As you complete each activity, have your counselor mark your checklist.

COOKING HELPS

- a. Make three kinds of Cooking utensils out of a wire coat hanger.

You can make many helpful tools to help you in cooking. Some are made from wire coat hangers. Using wire pliers, and with an adult's help, try making the tools below. You may even invent a new tool!



GOOD FOOD

- b. Make a salad for a meal.

Good food is important to camping. Try your hand at making a salad. It may be one of your own creation. Or, try the coleslaw recipe below. It will help you as you prepare more outdoor foods later.

Coleslaw

Ingredients:

- 3 cups shredded green cabbage
- 2 tablespoons finely chopped onion
- 3 tablespoons chopped parsley
- 1/4 cup French dressing
- 1/2 cup mayonnaise

Directions:

1. Remove any wilted outer leaves from cabbage. Cut into quarters and remove tough center core. Wash under cold running water. Drain well and dry with paper towels.
2. Grate on a vegetable shredder or the coarsest side of a regular grater.
3. Peel and finely chop onion.
4. Wash and dry parsley. Snip into small pieces with kitchen scissors.
5. Mix all ingredients together with a fork.
6. Put in a cold place until ready to serve.

TRAIL SNACK

c. Make a trail snack.

Trail snacks are handy to have while hiking. They provide the energy you need to explore the outdoors. Try making the Gorp trail snack below.

Gorp

Ingredients:

- 2 cups M & M candy
- 2 cups (salted or dry roasted) nuts
- 2 cups raisins
- Other ingredients as desired



Directions:

1. Combine all ingredients above.
2. Place in plastic bag. Makes a great trail snack.

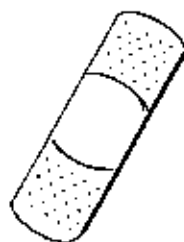
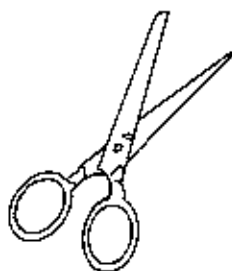
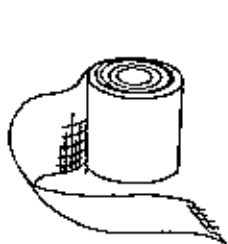
FIRST AID

“First Aid” is knowing how to help someone who is hurt. It is good to know when camping, as well as for other times. Learn about First Aid from the activities below. As you complete each activity, have your counselor mark your checklist.

POSTER

a. Make a poster of items that would go in a First Aid Kit.

First Aid Kits are needed by every camper. Unfortunately not everyone has one. Ask your counselor for a book on First Aid. List below the items found in a good kit. Make a poster of the items that would go in a First Aid Kit.



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

FIRST AID KIT

b. Make a personal First Aid Kit.

Circle the items you would use to make a personal First Aid Kit.

gum	Band-Aids	rubber bands	paper clip
gauze	pens	burn cream	safety pins
glue	soap	tweezers	scissors

(Your answers should have been Band-Aids, gauze, burn cream, soap, tweezers, scissors.)

Make your own First Aid Kit from the items you circled. You can put them in a small Band-Aid box for safe keeping. When you become a Crusader in campcraft, you will build a more complete kit.

ICE COLD

c. Demonstrate to your parent or an adult how to make and use an ice pack. Explain why and when it is needed.

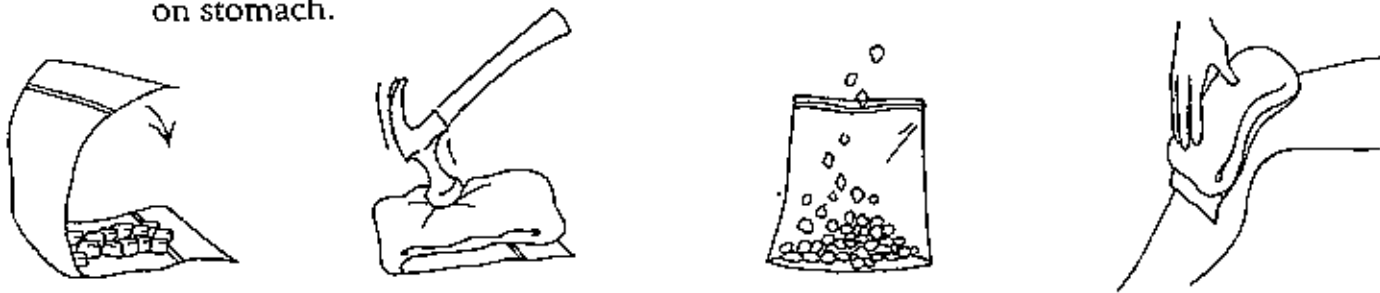
Ice packs are helpful in First Aid. The cool ice pack reduces swelling in sprains, stings, bruises (including a black eye), and can even help get rid of hiccups. Learn how to make and use an ice pack. Follow the steps below.

Step 1: Wrap ice in a towel.

Step 2: Crush ice with a hammer by hitting ice through the towel.

Step 3: Put crushed ice in a plastic "zipper top" bag.

Step 4: Wrap bag with towel and apply to injury. For hiccups, put ice pack on stomach.



Write a paragraph below on why and when an ice pack is needed. Include when you should not use an ice pack.

SAFETY AND SANITATION

“Safety and Sanitation” in campcraft is knowing how “to keep clean and healthy in mind and body” outdoors. Learn about Safety and Sanitation from the activities below. As you complete each activity, have your counselor mark your checklist.

DRUGS

- a. Discuss with your parent or an adult the use and abuse of drugs.

Read this and discuss it with your parent or counselor.

Drugs

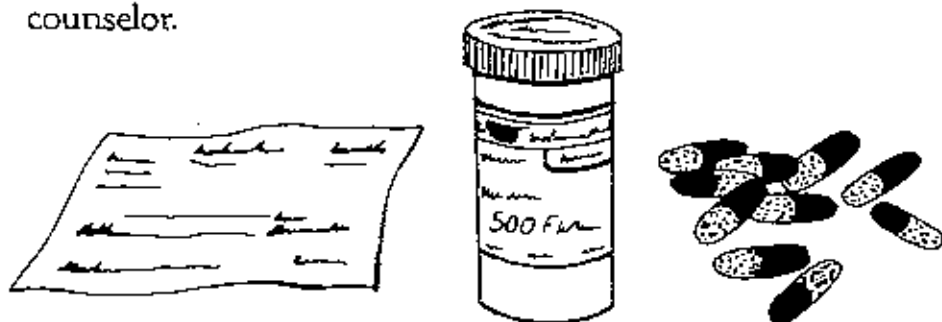
Drugs are chemicals that are used to change the way your body works. Some drugs help people who are sick. They are called “medicines.” Some drugs actually cure disease. Other drugs only help people feel better, without curing their sickness.

There are many kinds of drugs. Some are “prescription drugs.” They are called this because the written order the doctor writes for the drug is called a “prescription.” They are powerful drugs that are controlled by your doctor.

Some drugs are called “over-the-counter” drugs. These drugs are less powerful and can be bought by anyone. But remember, **NO DRUG IS SAFE IF TAKEN CARELESSLY.** All drugs should be taken as the directions or “dosage” tells you. You should choose wisely and know how each drug you take works in your body.

Illegal drugs are drugs not good for people to use. Some people take these dangerous drugs to escape problems. If someone asks you to try any drug you do not know about, just say “No.”

As Royal Ambassadors we are to keep “healthy in mind and body.” What do you think this means about drugs? Talk it over with your parent or counselor.



BIKING SAFETY

- b. Learn and explain to your parent or an adult the proper rules for riding a bicycle.

Know these bike safety rules.

1. Obey all traffic signs and signals.
2. Use proper hand signals.
3. Keep to the right on all streets, and ride in single file.
4. Don't weave in and out of traffic.
5. Slow down and look carefully before crossing any streets.
6. Don't ride out of driveways and alleys quickly.
7. Look for other vehicles, especially for cars driving out from a curb.
8. Don't carry another rider.
9. Give walkers the right-of-way.
10. Don't grab onto cars and trucks.
11. Wear light-colored clothing. Be sure your bike has good brakes and a warning bell or horn.
12. Never ride your bike at night.

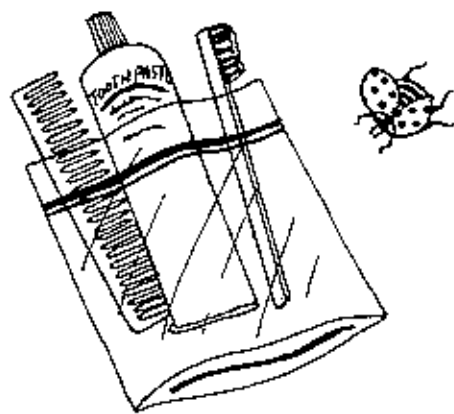
TOILETRY KIT

- c. Discuss and assemble a toiletry kit with your parent or an adult.

You can make this easy health kit. Use it on camp outs or on long trips. You may even give them away as missions projects. Just follow the steps below.

You will need:

- a plastic "zipper top" bag
- comb
- soap in a plastic box
- toothbrush
- toothpaste
- lip ice
- insect spray
- metal mirror
- foot powder
- face tissues



- Step 1:* Collect the items above. Try to find the small "travel size" items.
Step 2: Put the items in the plastic bag. You now have a kit to keep you clean and healthy on camping or vacation trips.

MAP AND COMPASS

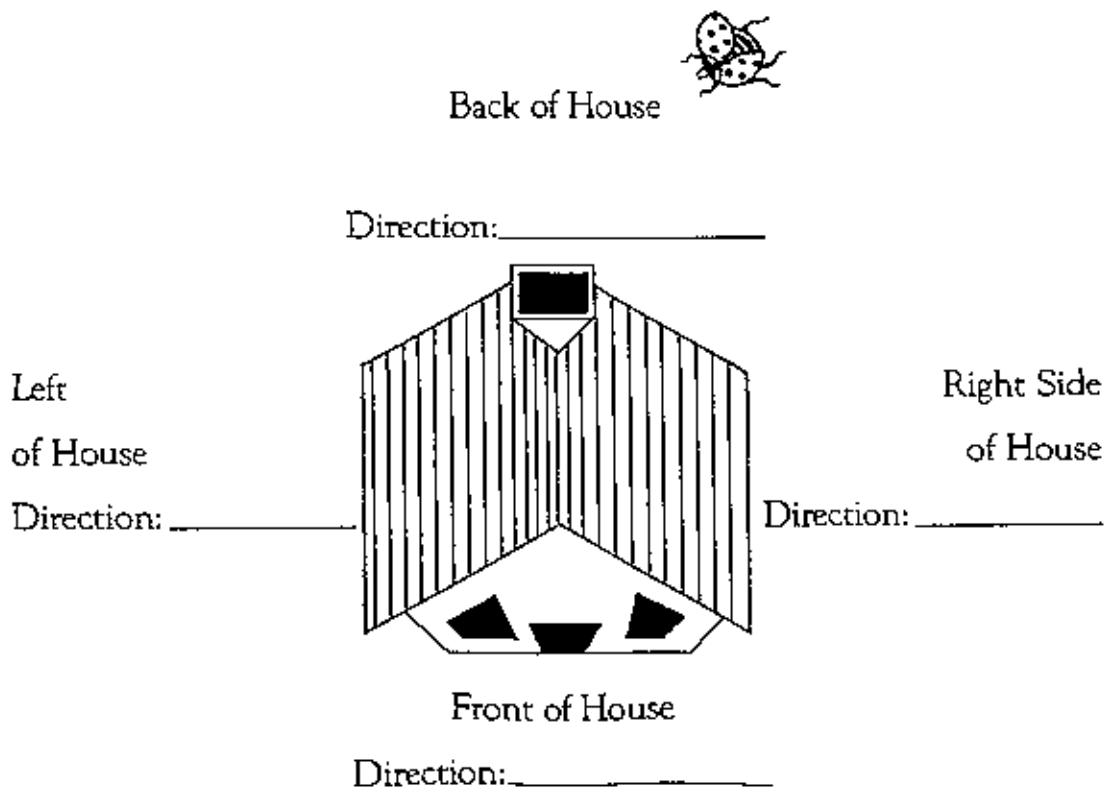
A "Map and Compass" are used to find directions outdoors. Using them is an important campcraft skill. Learn about Map and Compass from the activities below. As you complete each activity, have your counselor mark your checklist.

LEARNING DIRECTION

- a. Explain to your parent or an adult which direction your house faces.

Every now and then people get mixed up in their directions. It has always been important to know directions. Campers, hikers, explorers, and others must be sure of their directions. A quick way to find directions is to know that the sun is in the east every morning. The sun is always in the west in the evening.

Imagine that the drawing below is your house. Go out in the morning and find the side that faces east. Find the side that faces west in the evening. Mark the directions below. Then find the other directions of your house below. Write the direction it faces under each side.



FIND YOUR LOCATION

- b. With the help of your parent or an adult, pinpoint your house, church, and school on a map of your community.

Maps are used to find places. You can use this knowledge to help you find your way outdoors. Get a road map of your town or city. With your parent's help, circle the place where your house, church, and school is located. Answer the questions below.

1. What direction is your school from your house? _____
2. What direction is your church from your house? _____

COMPASS

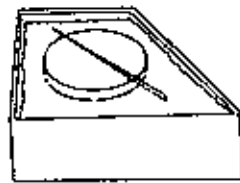
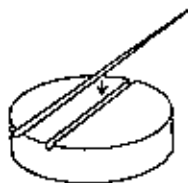
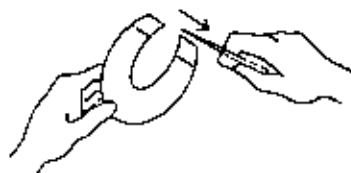
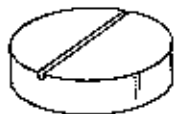
- c. Make a simple compass.

The compass is a tool used to find directions. It has been used for thousands of years by people all over the world. Suppose you point to the direction you think is north. How can you be sure? How will you know if you can't see the sun? A compass will tell you.

A compass uses a force called "magnetism" to point to the direction north. Try making this simple compass. Follow the steps below.

You will need:

- a dish of water
- a needle
- a thin flat cork
- a magnet



Step 1: Carve a small groove in the top of the cork. Make it just large enough for the needle to fit in it.

Step 2: Rub one end of the needle on the magnet. Don't rub it back and forth or sideways. Rub the needle in one direction only, from the center to the end of the magnet. Rub it 20 or more times.

Step 3: Lay the needle in the groove of the cork.

Step 4: Place the cork and needle in the dish of water. The needle will point north and south.

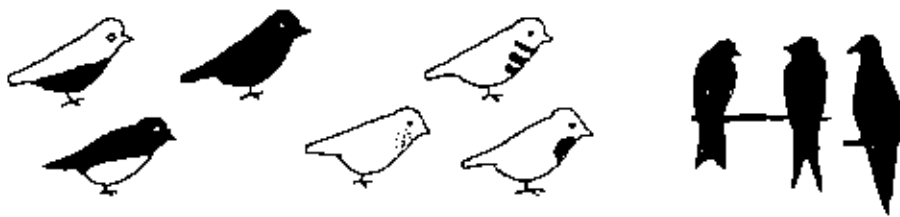
NATURE STUDY

"Nature Study" is discovering God's world. Learn about nature from the activities below. As you complete each activity, have your counselor mark your checklist.

FEEDING STATION

- a. Build an animal feeding station with your parent or an adult.

Birds are easy to recognize. They are the only animals with feathers. You can learn much about nature by looking at birds. Learn to identify birds. Find a bird and look for the following:



1. What is the color of the bird? _____

2. Write down the type of markings or color patterns.

3. Write down the shape of the:

body _____

beak _____

head _____

wings _____

tail _____

4. Where was it? Circle all correct answers.

water marsh field city suburbs tree

Now that you know how to observe birds, try building this easy bird feeder.

BIRD FEEDER

You will need:

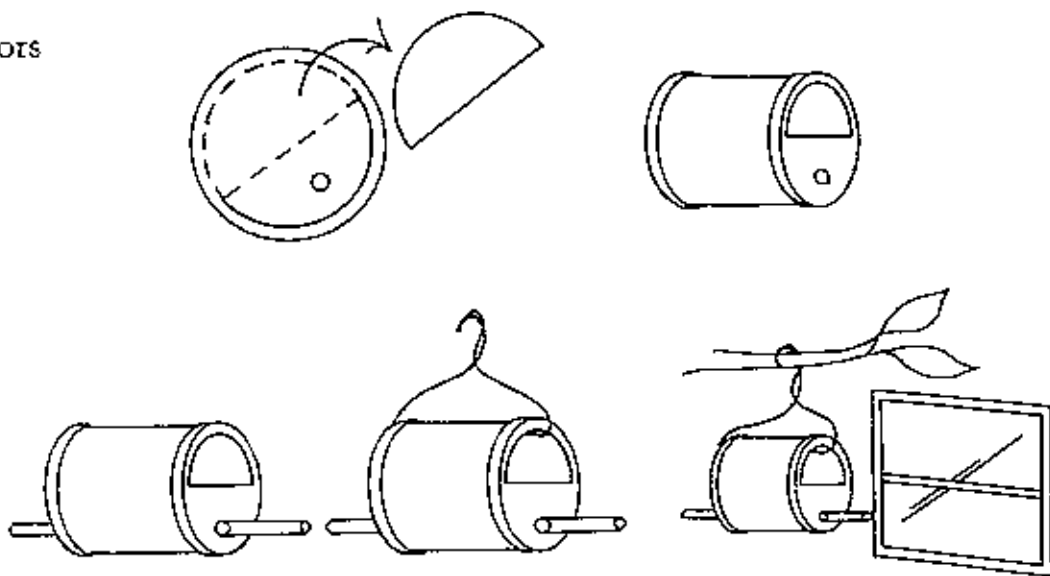
a coffee can (with both ends opened)

2 plastic coffee can lids

a wooden dowel

wire

scissors



Step 1: Cut the plastic tops as shown in the drawing below.

Step 2: Put the tops on both ends of the coffee can.

Step 3: Push the wooden dowel through the holes in the bottom half of the plastic lids.

Step 4: Insert the wire through the openings in the top half of the plastic lids and tie together at top.

Step 5: Fill the feeder with bird seed. Hang near a window to allow for indoor watching.

WIND STUDY

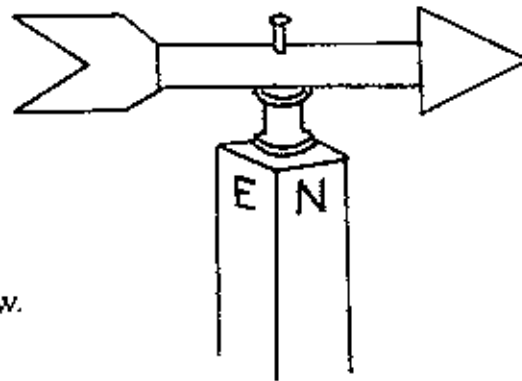
- b. Build an instrument to determine wind direction with your parent or an adult.

Knowing something about the weather can be handy outdoors. Try making a weather vane. It will tell you in which direction the wind is blowing. Winds carry weather from one place to the other.

Weather Vane

You will need:

heavy corrugated cardboard
long thin nail
wooden spool
2-inch-by-2-inch stick, 5 or 6 feet long
compass



Step 1: Cut cardboard in shape of arrow.

Step 2: Push nail through center.

Step 3: Place in spool.

Step 4: Drive long stick in ground about 1 or 2 feet.

Step 5: Place spool and vane on stick and drive nail in center of stick about 2 inches.

Step 6: Mark direction (north, south, east, west) on each side of the stick using the compass to tell direction.

Step 7: Adjust so the vane turns easily.

Step 8: Note the direction arrow points. Wind is from that direction.

HOW'S THE WEATHER?

- c. Chart the weather forecast for two days. Compare the forecast with the actual weather.

See if you can observe the weather. You will need an outdoor thermometer and the weather vane you made above. Fill out the chart below. Check your results with the weather forecaster on TV. Make two readings—one at 3 p.m. and the other as soon as you get up in the morning.

	Temperature	Wind Direction
Day One		
Morning Reading	_____	_____
Evening Reading (3 p.m.)	_____	_____
Day Two		
Morning Reading	_____	_____
Evening Reading (3 p.m.)	_____	_____

CONSERVATION

"Conservation" is protecting and saving nature. In this way we can share it with others for many years to come. Learn about Conservation from the activities below. As you complete each activity, have your counselor mark your checklist.

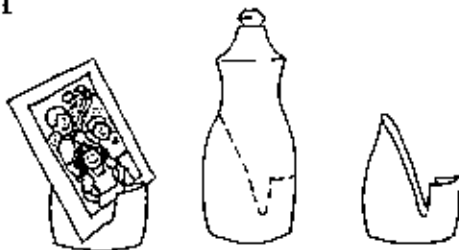
RECYCLING

- a. Learn and explain to your parent or an adult the value of recycling.

If you use something again that was to be thrown away, you are "recycling" it. Recycling saves the natural resources of our land. Go to the the library and find information about recycling. Try these two projects. Afterward, talk to your parent or counselor about why it is important.

Easel

Cut the liquid detergent bottle as shown. It will make a handy easel to hold your pictures.



Use a small juice can to hold pencils and pens. Paint and decorate the can to make it more attractive.

RECYCLING PROJECTS

- b. Collect tin cans, old clothing, or paper to be recycled.

You can also recycle cans, clothing, or paper. If your chapter chooses, it can earn money for missions offerings by collecting cans or paper. Sometimes you can give your old clothes to your church or another group to be recycled. These are mended and given to needy people.

Work with your parent or counselor to recycle one of these items: tin cans, old clothing, or paper. Write the name of the item here:

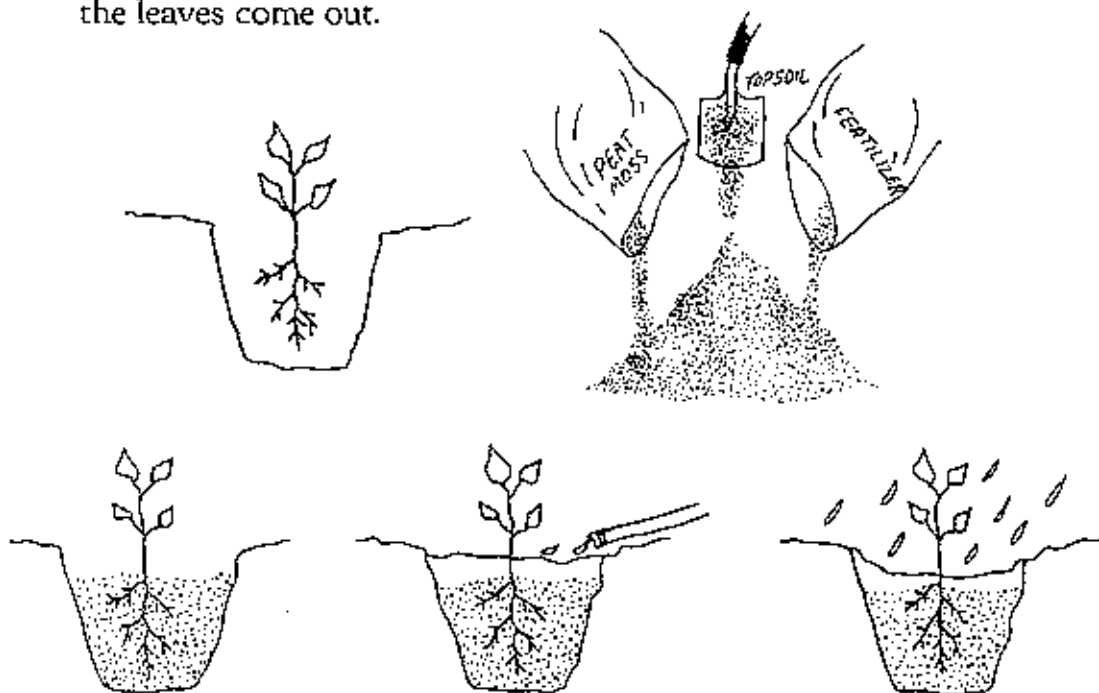
PLANT A TREE

- c. Plant a tree in your yard, at your church, or in another appropriate place.

Trees are our friends. They give off oxygen—a basic thing you need to breathe. Trees are also important as nature's "motels and restaurants." They provide shelter for many animals, insects, and even other plants. They provide food for beetles, birds, beavers, and even people. We should take care of trees.

You can help make sure we have plenty of trees. Plant a tree. Follow the directions below.

1. Choose your tree. Make sure the tree will live in the hottest and coldest temperatures for your area.
2. Decide where you want your tree. Does your tree need lots of sunshine? How about rain? Choose your spot well.
3. Plant your tree in the fall or spring. Wait until leaves have fallen or before the leaves come out.



4. Dig the hole. The hole you dig should be one foot wider than the space the roots take up.
5. Set the plant in the hole at the same level it was planted before.
6. Mix equal parts of topsoil (the soil you removed first) and peatmoss (you can buy this at a hardware store). Add a small amount of fertilizer.
7. Put the mixture into the hole and around your tree.
8. Add soil mixture, and water slowly.
9. Press the dirt down with a board. Leave a small dip around the tree to catch water.

FUN AND WORSHIP

“Fun and Worship” is important in campcraft. It helps us meet new friends. It reminds us of how great God is. Learn about Fun and Worship from the activities below. As you complete each activity, have your counselor mark your checklist.

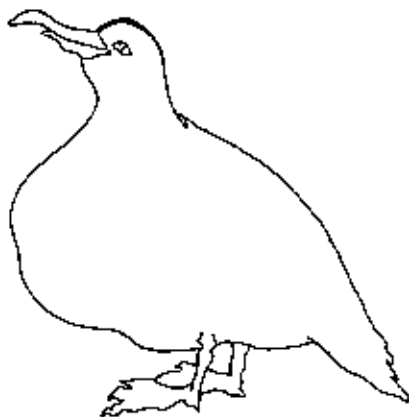
THE LORD'S PRAYER

- a. Learn and recite the Lord's Prayer to your parent or an adult.

One way you can worship God is through prayer. The Lord's Prayer is the prayer Jesus taught us. It is found in Matthew 6:9-14. Learn and say the Lord's Prayer. Think of one thing found in nature. Draw an outline of the object. It could be a tree, a rock, an animal, or another object. Copy the Lord's Prayer inside the shape. Hang it in your room as a reminder of your love for God.

NATURE HYMNS

- b. Look in the hymn book and list the titles of three songs about nature and God.



Another way you can worship God is through singing. Find the names of three hymns about nature. Look in a hymn book at church. You can find these names by looking in the lists at the back of the book. Look for the list that names hymns by subject.

Write the titles of the songs here:

1. _____
2. _____
3. _____

Ask your parent, music minister, or counselor to help you hear or sing at least one of your songs.

THE LORD IS MY SHEPHERD

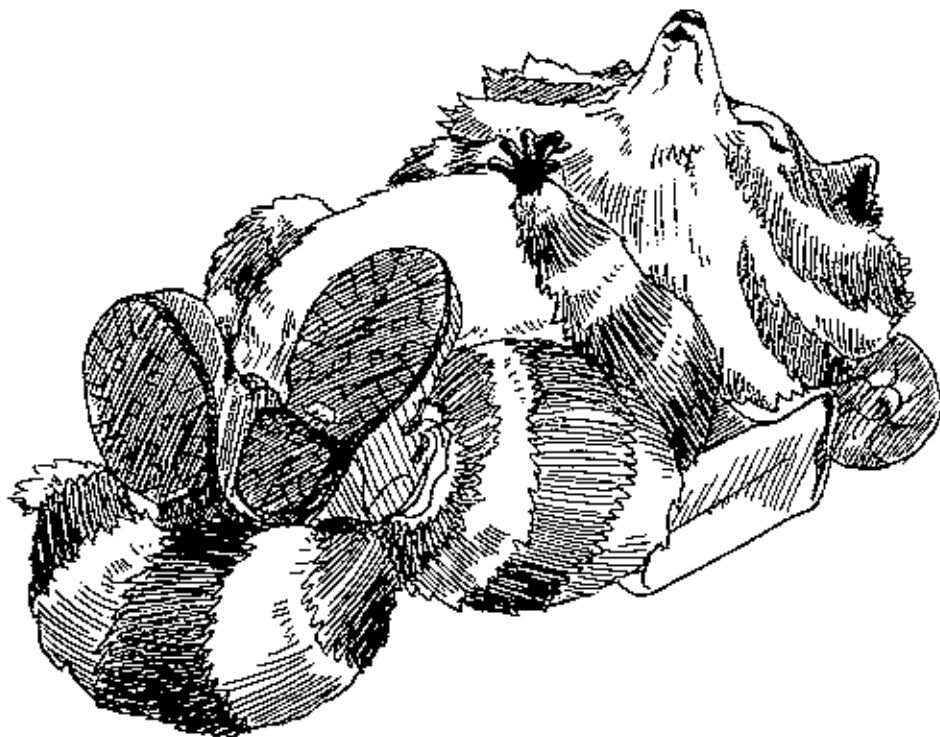
c. Read or have read to you the 23rd Psalm.

The Bible is full of verses about the outdoors. Read the 23rd Psalm or have it read to you. Imagine the outdoor scene that is described. Draw a picture of what you think it would look like. Use the space below.



You should have finished all of your Discoverer 3 activities. Make sure your counselor has marked your checklist. If you have done the activities, you are allowed to wear the Discoverer 3 patch. Soon you will be in the fourth grade. You will work on Crusader Campcraft patches. See you there!

CHECKLIST



Date Checked by

- | | | |
|--|--|--|
| | | <p>1. TRIP PLANNING</p> <p>a. Plan a visit to a city, state, or national park.</p> <p>b. Visit a dam, power plant, or electric company with your parent or an adult.</p> <p>c. Plan and visit a local factory or other work place, such as a bottling company, assembly plant, or garment manufacturer, with your parent or an adult.</p> |
| | | <p>2. EQUIPMENT AND SHELTER</p> <p>a. Discuss and assemble with your parent or an adult an Emergency Auto Kit for your car.</p> <p>b. Collect five pictures of different shelters for different people of the world.</p> <p>c. Explain to your parent or an adult how to dress for different weather and climates.</p> |
| | | |

3. ROPECRAFT

- _____
- _____
- _____
- Make a collection of at least five different types of rope. Explain to your parent or an adult how they are used.
 - Illustrate the history of rope with a drawing or clay model.
 - Demonstrate to your parent or an adult how to wrap and tie a package for mailing.

4. TOOLCRAFT

- _____
- _____
- _____
- Demonstrate to your parent or an adult how to safely use a hand-operated can opener.
 - Make a tool apron or tool storage roll.
 - Demonstrate to your parent or an adult how to use and care for a shovel.

5. FIRECRAFT

- _____
- _____
- _____
- Explain to your parent or an adult the safety rules for camp fires.
 - Make a buddy burner or homemade fire starter logs.
 - Tell your parent or an adult some good and bad uses of fire.

6. COOKING

- _____
- _____
- _____
- Make three kinds of Cooking utensils out of a wire coat hanger.
 - Make a salad for a meal.
 - Make a trail snack.

7. FIRST AID

- _____
- _____
- _____
- Make a poster of items that would go in a First Aid Kit.
 - Make a personal First Aid Kit.
 - Demonstrate to your parent or an adult how to make and use an ice pack. Explain why and when it is needed.

8. SAFETY AND SANITATION

- _____
- _____
- _____
- Discuss with your parent or an adult the use and abuse of drugs.
 - Learn and explain to your parent or an adult the proper rules for riding a bicycle.
 - Discuss and assemble a toiletry kit with your parent or an adult.



9. MAP AND COMPASS

- _____
- _____
- _____
- Explain to your parent or an adult which direction your house faces.
 - With the help of your parent or an adult, pinpoint your house, church, and school on a map of your community.
 - Make a simple compass.

10. NATURE STUDY

- _____
- _____
- _____
- Build an animal feeding station with your parent or an adult.
 - Build an instrument to determine wind direction with your parent or an adult.
 - Chart the weather forecast for two days. Compare the forecast with the actual weather.

11. CONSERVATION

- _____
- _____
- _____
- Learn and explain to your parent or an adult the value of recycling.
 - Collect tin cans, old clothing, or paper to be recycled.
 - Plant a tree in your yard, at your church, or in another appropriate place.

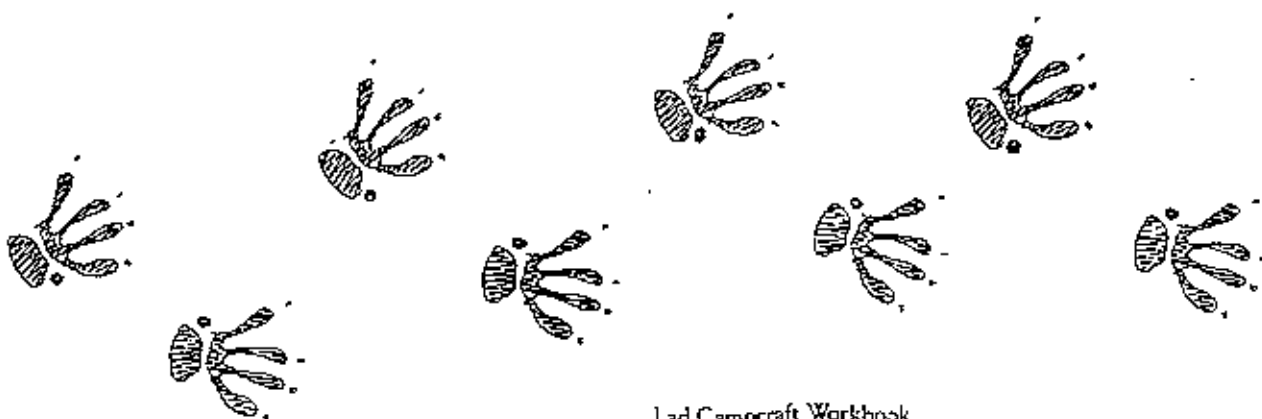
12. FUN AND WORSHIP

- _____
- _____
- _____
- Learn and recite the Lord's Prayer to your parent or an adult.
 - Look in the hymn book and list the titles of three songs about nature and God.
 - Read or have read to you the 23rd Psalm.

_____ has completed the requirements for Discoverer 3 and may now wear the Discoverer 3 patch.

Date Completed: _____ Signed: _____

Counselor

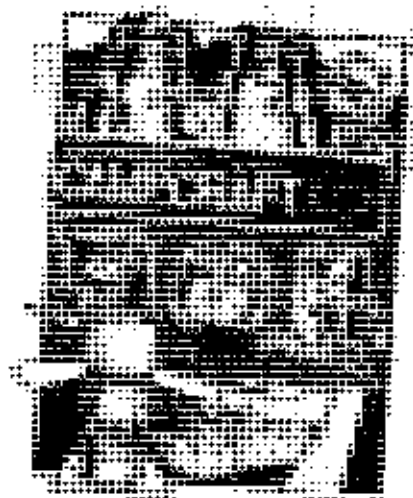


WHAT'S NEXT?

Your outdoor lessons are finished—for now. But don't worry, that doesn't mean you can't have fun. Outdoor fun doesn't stop when you finish Discoverer 3.

List some things in this book that you would like to try again.

Soon you'll be a Crusader. You will be ready for *Crusader Campcraft Workbook*. *Crusader Campcraft Workbook* tells you more about campcraft. You will be able to earn more patches. It will lead you step-by-step. You will need the book called *Brotherhood Campcraft*. It will teach you about Crusader campcraft adventures. See you there!



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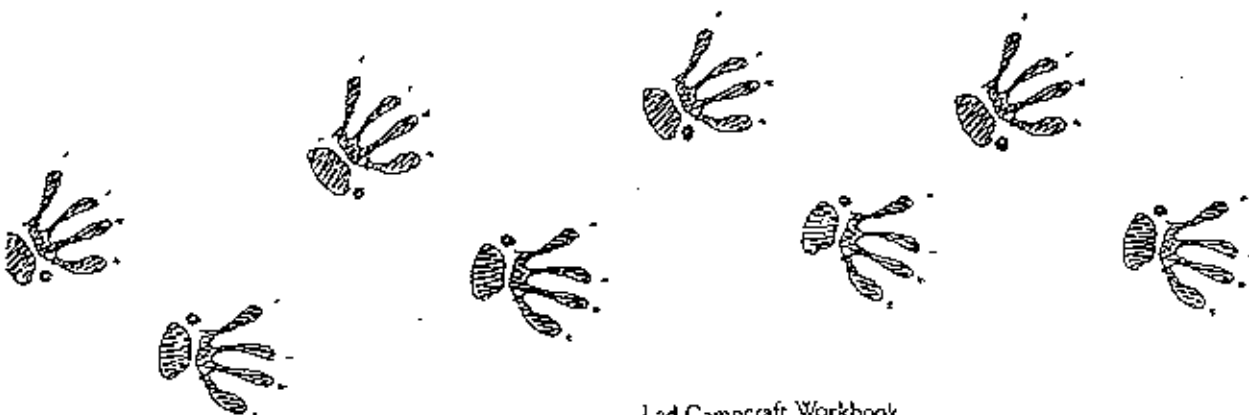
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_____ has completed the requirements for Discoverer 3 and may now wear the Discoverer 3 patch.

Date Completed: _____ Signed _____

Counselor



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