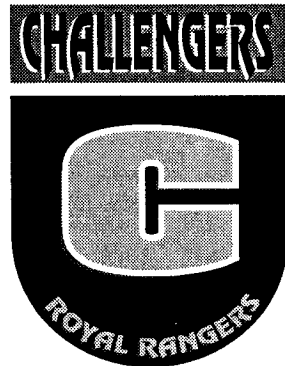


Royal Rangers


Challengers

Merits



Royal Rangers
HonorBound: Men of Promise
Assemblies of God

Gospel Publishing House
Springfield, Missouri
08-0475
with/binder



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Printed in the United States of America



Merits



Merit Ribbon



The merits section offers Royal Rangers the opportunity to explore new fields of knowledge.

There are many sources of information for each merit. However, the best place is probably your local library because it has books with the information needed for most merits. (Encyclopedias contain the information in most cases.)

In some cases individuals can be of great assistance or you can refer to resources. For example, for the Church Merit consult your pastor. For the Photography Merit consult a professional photographer. For the Auto Merit consult an auto-

mobile mechanic. For the Music Merit consult your choir or orchestra. For the Physical Fitness Merit consult an athletic coach or a doctor, and so forth. For the Camping Merit, the Hiking Merit, or the Pathfinder Merit, see your *Adventures in Camping* handbook.

Note: There are two types of merits: the merit ribbon, which is worn only on the Rangers uniform, and merit pin, which is worn only on the Challengers jacket or cap. On the Trail Rangers uniform, merit ribbons are centered over the left pocket in rows of three, with a limit of six rows. The highest Pioneers award may also be worn above these merits on the Trail Rangers uniform.

AMATEUR RADIO

1. Qualify for any class of amateur radio license issued by the proper government agency of your particular country.
2. Explain how amateur radio operators prepare to handle emergency messages during floods, hurricanes, forest fires, or similar disasters.
3. Give Scripture references for two types of communications mentioned in the Bible.



AMBASSADORS IN MISSION

1. Contact the national Youth Department and arrange to take an AIM trip. Also, request any literature available on this ministry. Write to the following address: 1445 Boonville Ave., Springfield, Missouri, 65802-1894.
2. Participate in an AIM trip.
3. During the AIM trip keep a daily journal of your experiences and involvement.
4. Write a 500-word article about your AIM trip. Explain, using information from the literature you have gathered, what the AIM ministry is all about.

AIM

AMERICAN HISTORY

1. Develop an American history time line using one of these themes: inventions, presidents, U.S. military, expansionism, statehood, famous persons, industry.
2. Keep a journal for 1 month. Describe in it your day-to-day activities plus events occurring locally, statewide, and nationally.
3. Write a 500-word report about a famous American from a minority group.
4. Draw a family tree tracing your ancestry at least to your great-grandfather and great-grandmother on at least one side of your family. If possible, include dates of birth and death, nationality, and occupation.



5. Read a book about some event or person in American history and describe its contents to your commander.
6. Visit a national park. When you return to your outpost group, describe to your commander what you learned there.
7. Draw a map of your state; label major historical events, places, and dates.
8. Share with your outpost group a factual story from American history.
9. Interview an older person about historical events that occurred during his or her lifetime. Give a transcript to your commander.
10. Make a list of the addresses and telephone numbers of your county and state historical societies and the National Archives.
11. Visit a museum. When you return to your outpost group, describe to your commander what you saw while you were there.
12. Build a diorama of a historical event and present it to your commander.

ANIMAL HUSBANDRY

Identify the following breeds of animals by using photographs or illustrations. Compile these clippings in an album for quick reference. Place the appropriate name under each reference.



1. Identify the following milking cattle:
 - a. Holstein-Friesian
 - b. Jersey
 - c. Guernsey
 - d. Ayrshire
 - e. Brown Swiss
2. Identify the following sheep:
 - a. Southdown
 - b. Merino
 - c. Wool breeds, mutton breeds
3. Identify the following swine:
 - a. Yorkshire
 - b. Poland China
 - c. Tamworth
 - d. Berkshire
 - e. Chester White
 - f. Duroc-Jersey
 - g. Hampshire
4. Identify the following beef cattle:
 - a. Hereford
 - b. Black Angus
 - c. Simmental
 - d. Charolais
 - e. Texas Longhorn
5. Identify the following horses:
 - a. Shetland
 - b. Clydesdale
 - c. Quarter horse
 - d. Morgan
 - e. Kentucky Thoroughbred
6. Identify the following goats:
 - a. Domesticated
 - (1) Nubian
 - (2) Toggenburg
 - b. Wild
 - (1) Ibex
 - (2) Markhor
7. Identify the following rabbits:
 - a. California White
 - b. Angora
 - c. Giant
 - d. Jackrabbit
 - e. Rex
 - f. Satin
 - g. New Zealand White
8. Identify the following birds:
 - a. Turkey
 - b. Cornish
 - c. Ducks
 - d. Chickens

Choose one of the above species of animals and do the following:

1. List the type of food these animals eat and how much they need each day to survive.
2. Explain how these animals fulfill a need in your life.
3. Find several Scripture verses that refer to these animals (generically).
4. Visit a farm, zoo, or fair to become personally acquainted with the nature of these animals.
5. Learn how the animals are born, how much they weigh at birth, and how soon they can begin to walk and see.
6. Find out the length of their lives.
7. If possible, be involved in the care of one of these animals for at least 1 month.

ARCHERY


1. Explain the safety rules for archery.
2. List the techniques for good shooting and demonstrate each.
3. Describe the parts of an arrow, bow, and string.
4. Explain the following terms: *end, round, arm guard, tow, glove, quiver, flight arrow, matched arrow, deflexed bow, recurved bow.*
5. Name and describe at least three types of arrows.
6. Demonstrate how to store the bow and arrow, wax a bow string, brace a bow.
7. Shoot and score on any nationally recognized round.
8. Write a brief history of archery, listing three famous types of bows.
9. List three Scripture references on archery.



ART

1. Different drawing techniques can affect the final product.
 - a. Select a moderately complex object. Draw the object carefully, concentrating on its proportions and relationships.
 - b. Use two different media (charcoal, ink, brush and paint) to draw the same subject to see how each new medium affects the expression of the drawing.
2. Shapes can be used to portray natural objects in many different ways.
 - a. Make a pencil drawing from a photograph, and simplify the subject matter by leaving out little details.
 - b. Draw from the same photo. This time flatten the object shapes and simplify their contours so they are almost abstract in nature.
3. The principles of linear perspective can be used to create space.
 - a. Check a book out of your local library about linear perspective.
 - b. Make a pencil drawing of a road, a house, and a telephone pole using linear perspective.
4. A collage is a good way to deal with texture.
 - a. Collect a variety of textures, such as cloth, sand, foil, wood, and colored photos from magazines. Cut or tear the materials and arrange them into shapes by color, value, and texture. Glue these shapes onto a sheet of drawing paper.
 - b. Use the collage idea to construct a face of various textures.



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5. Use any medium (paint, charcoal, ink, etc.) to make two self-portraits. In one self-portrait try to express sadness; in the other, happiness.
 6. Design a symbol for your patrol flag.

ASTRONOMY



1. Identify seven different constellations in the sky. Explain why the stars seem to twinkle.
2. Explain the differences between planets, satellites, comets, meteorites, stars, and galaxies.
3. Learn the names and sizes of the planets in our solar system. Draw a chart showing the difference in sizes.
4. Explain what is meant by a *light-year*. Give the distance in light-years to the nearest star and estimated distance to the farthest galaxy.
5. Visit an observatory or planetarium, or draw a star map showing the major constellations.
6. With a small telescope, study the stars on seven different nights. Keep notes on what you have observed when identifying each object.
7. Give three Scripture references regarding stars.

ATHLETICS



1. Explain in detail how to train for an athletic event.
2. Write a 500-word theme on your favorite sport. The theme should contain information on rules, equipment, techniques, training, the role of each player, a diagram of the playing area (such as a diamond, field, court, etc.), and the value of the sport to an individual.
3. Explain the importance of good sportsmanship.
4. Explain how as a participant in sports a Christian can honor Christ.
5. Earn a letter in a high school sport.
6. Give three Scripture references about athletics.

AUTO



1. Describe the parts and functions of the following major chassis systems: drive system, power plant, control system, running gear, and electrical system.
2. Draw a diagram explaining the function of a four-cycle engine.
3. Do the following: change the motor oil, remove and clean the carburetor air cleaner, clean and adjust the spark plugs, change a flat tire, adjust the brakes.
4. Keep a record of an automobile's performance over a 2,000-mile period. List things such as fuel consumption, lubrication, oil consumption, and repairs.
5. Explain the mechanical differences and similarities of three makes of automobiles or trucks. Indicate your choice and explain why.
6. Apply for a drivers permit. After receiving your permit, demonstrate your ability to drive carefully. Care for an auto properly for 2 months.

AVIATION

1. Read the book *Pilot Handbook of Aeronautical Knowledge* (FAA 61-23A).
2. Identify in flight at least seven different types of aircraft, using their proper names.
3. Make a sketch of an airfoil and explain how it helps a plane to fly.
4. Using a model airplane, explain the effect of drag, lift, thrust, and gravity on a plane in flight.
5. Make a list of all the working parts of a plane and explain the purpose of each.
6. Explain the difference between a piston, a jet, and a rocket type of airplane engine.
7. Explain the purpose and importance of the following instruments on an instrument panel: compass, oil pressure, altimeter, bank and turn indicator, airspeed indicator, tachometer, gyro horizon, temperature gauge.
8. Explain in detail the proper procedure for each of the following: takeoff, banking and turning, and landing.
9. Visit an airport and make a list of the equipment and facilities used.
10. Take a flight in some type of aircraft.

Note: Enrolling in a flight course until you make your solo flight may be substituted for the above requirements.



BACHELOR

1. Prepare and cook three different, complete meals for your family.
2. Wash and clean the kitchen dishes for five meals.
3. Clean up the kitchen stove, oven, refrigerator, and wastepaper basket.
4. Wash and fold the family laundry on four separate occasions (under parental supervision).
5. Vacuum, dust the furniture, and make the family's beds for 1 week.
6. Iron a shirt, a pair of pants, and one other article of clothing.
7. Under adult supervision, demonstrate your ability to plan a weekly menu, prepare a shopping list, and purchase the items from a local store.
8. Under adult supervision, demonstrate your ability to operate a sewing machine. Mend one article of clothing with a sewing machine. Sew on a button by hand.
9. Keep your room, dresser, and clothes closet clean and neat for parental inspection for 2 months.
10. Keep the bathroom facilities and floor clean for 1 week.



BACKPACKING BASICS

1. Earn the Camping, Cooking, First Aid, and Hiking merits.
2. Point out the advantages and disadvantages of the two types of hiking boots.
3. Explain how to select a boot that fits properly.
4. Explain the proper care and waterproofing of a pair of hiking boots.
5. Explain the prevention of and first aid for blisters.
6. Explain how to choose a campsite. Discuss the following topics:
 - a. Environmental concerns, such as choosing a well-used site versus one showing little use



- b. Temperature variations in different topographical features and elevations, such as valleys versus mountaintops
 - c. Considerations of wind and storm direction that can affect your choice of a campsite
 - d. The necessity of camping by a water source; need versus convenience
 - e. Other possible dangers to be considered, such as floods and dead trees
7. List the possibly dangerous insects, snakes, plants, and animals you may encounter while hiking. Explain what you should do if these dangers are encountered. In the field, identify one of these dangers.
 8. Explain the dangers of dehydration.
 9. Point out the difference between first aid taught for a wilderness setting and first aid taught for the city. Explain the importance of being familiar with wilderness first aid when backpacking.
 10. Explain the different degrees of high altitude sickness. For each degree, explain the symptoms and treatment.
 11. Identify the good and bad points of three different resupply methods, such as resupplying at a store, mailing your food ahead, storing food in a cache, or meeting someone. Explain which method you would choose and why.
 12. Point out the difference between major types of packs used in backpacking. Explain the advantages and disadvantages of each. Explain why you chose the pack you did. Would you choose a different pack if you could afford it? If so, what kind and why?
 13. Explain how to load a backpack. Point out where the heavy items should go, and identify the items that should be placed on the top.
 14. Explain the different ways that trails are marked. How can paint markers warn you of a sharp turn in the trail? What is a cairn?
 15. Plan and take a 2-day backpacking trip. Leave a trip plan with someone at home. The trip plan should include the following:
 - a. A detailed plan of your trip, including the names of the trails you plan to use, where you will get water, the names of the places you plan to sleep, and landmarks.
 - b. Alternate or escape plans in case the trip does not go as intended.
 - c. Mileage and altitude to be covered each day.
 - d. Where help can be obtained in case of an emergency. This should include phones, hospitals, and other places where help can be found.

BASEBALL



1. Read a rule book on baseball.
2. Explain what position you like to play and why.
3. Read a book about the history of baseball.
4. Draw a diagram of a baseball diamond and compare it to a softball diamond.
5. Earn a junior high, a high school, or a city letter or certificate of participation as a baseball player or manager.

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6. Identify five Scripture verses that discuss good sportsmanship and five that tell about being physically fit.
 7. Write a paragraph on how playing baseball has affected your home life.
 8. Interview a (preferably) Christian coach regarding the following:
 - a. A winning attitude
 - b. The building of character
 - c. A Christian example
 - d. Physical fitness
 - e. Preparation for the future

BASKETBALL

1. Read a basketball rule book that is used in your state.
2. Read a history book about the origin of basketball.
3. Draw a diagram of a basketball court and identify each important area.
4. Explain the basic difference between high school and professional basketball rules.
5. Find five Scripture verses that discuss sportsmanship and good conduct.
6. Write a 300-word paper about how basketball practice and participation affect you and your family.
7. Earn a junior high or a high school letter or certificate of participation as a basketball player or manager.
8. Interview a (preferably) Christian basketball coach concerning the following:
 - a. A winning attitude
 - b. The building of character
 - c. A Christian example
 - d. Physical fitness
 - e. Preparation for the future



BIBLE

1. Using two Scripture references, explain how the Bible was written.
2. Learn the books of the Bible in order.
3. List four Scripture references for each of the following Bible doctrines: salvation, the baptism in the Spirit, divine healing, the second coming of Christ.
4. List three methods of studying the Bible.
5. Read the New Testament, Genesis, Exodus, Numbers, Deuteronomy, Joshua, Judges, 1 and 2 Samuel, 1 and 2 Kings, 1 and 2 Chronicles, Psalms, and Proverbs.
6. Explain the main teaching of the following parables:
 - a. The Good Samaritan (Luke 10:30–37)
 - b. The Sower and the Seed (Luke 8:1–15)
 - c. The Prodigal Son (Luke 15:11–32)
 - d. The House Built on a Rock (Luke 6:47–49)



7. Identify the following Bible characters and tell the story of each: Abel, Joseph, Caleb, Gideon, Zechariah, Elizabeth, Stephen, and Barnabas.
8. Quote from memory 10 favorite Bible verses.

BIRD STUDY



1. Make a list of 20 kinds of birds that you have identified by sight with or without binoculars. Explain how you identified each. The list should include the name of the bird, where you saw it (the woods, a field, a park, etc.), and the date you observed it.
2. Explain how birds are helpful to the farmer. Make a list of 10 birds that destroy insects, rats, or mice.
3. Select a tract (at least 10 acres) of land near you and make a census of the bird life there. You should make at least four field trips into this area.
4. Construct a birdhouse for a particular type of bird. Explain why it is suitable for this type of bird. Construct a feeding station and a birdbath.
5. Visit a bird exhibit in a natural history museum and make a brief report on your visit. Or read about a great ornithologist, such as James Audubon, and describe his contributions to bird study.
6. Explain what may be done to protect bird life in your area.
7. List three Scripture references regarding birds.

BLACK POWDER



Earn the National Muzzle-Loaders Association certificate or the National Rifle Association Black Powder certificate.

BOATING



Earn a Red Cross Boating Certificate or meet the following standards:

1. Swim 100 yards demonstrating these three strokes: breaststroke, sidestroke, backstroke.
2. In water 6 feet or more deep, remove your trousers, tie a knot in each leg, inflate the trousers, and float motionless for 1 minute.
3. Point out all the essential parts of a rowboat and oars. Define the following nautical terms: *ahead*, *astern*, *starboard*, *port*, *forward*, *aft*, and *amidships*.
4. With your commander or instructor in the stern, do the following: row in a straight line for 100 yards, demonstrate proper turns, and pivot and back-water in a straight line for 50 yards.
5. Properly demonstrate the following: boarding, launching, landing, and tying the boat to the dock or shore.
6. Demonstrate how to turn a swamped rowboat right side up, then get in and paddle it for 10 yards with your hands.

7. Using a rowboat, demonstrate how to properly rescue a swimmer.
8. List the safety rules for boating.
9. List the names of seven types of small boats and explain the use of each.
10. Participate in a boat trip of at least 10 hours.

BUGLING

Sound the following calls on a bugle: reveille, to the colors, retreat, call to quarters, taps, mess, church, and assembly.



CAMP SAFETY

1. Complete the Tool Craft, the Safety, and the Fire Craft merits.
2. Make a list of the safety precautions that should be considered when selecting a campsite.
3. Demonstrate the proper method of washing dishes to avoid illness while on a campout.
4. Demonstrate the proper method of disposing of garbage and dishwater. Explain the importance of properly storing food while camping.
5. Explain the importance of wearing the proper clothing while camping.
6. Demonstrate how to dress for camping during hunting season.
7. During a Royal Rangers outing, properly construct a latrine.
8. Explain the proper procedure for disposing of human waste.
9. Explain how food spoils and what can be done to prevent food spoilage.
10. Demonstrate how to properly store fresh vegetables and fruits while on a campout.
11. Define *botulism* and how to avoid food poisoning from spoiled foods.
12. Make a list of five foods that can become poisonous when spoiled.
13. Describe what precautions one should take when preparing and storing the following foods: pork, potato salad, tuna fish, milk, poultry.
14. Explain how to remain safe while camping during the following weather: lightning, tornado, hail, heavy rain.



CAMPING

1. Demonstrate the proper selection and packing of clothing for a 5-day trip. Show that you can prepare a shelter for yourself. This may include a trail, pup, or other type of tent.
2. Show and explain the proper pitching of a tent.
3. Demonstrate how to tie the overhand knot, square knot, clove hitch, and any two other knots, plus whip the end of a rope.
4. Know and explain fire safety rules. Show that you can build three types of fire—such as crisscross, tepee, trench, or hunter's—and tell when they should be used.



5. Cook a complete meal on a campfire (it must taste and look good) using two types of cooking—boiling, baking, broiling, or frying. Plan a menu for a patrol for three meals, explaining why you chose each item.
6. Show that you know how to open, close, pass, and sharpen a pocketknife. Make some useful items with your knife, such as a fuzz stick and a tent stake. Demonstrate your ability to properly use an ax.
7. Demonstrate the proper care of food, dishwashing, and the disposal of garbage.
8. Lay out a campsite for an outpost, showing the proper places for fires, tents, latrines, etc.
9. Know how to sight and set a compass. Show how to lay out a course with a compass. Show that you know how to find directions by using the stars. Using a compass and map, take a cross-country hike of at least 5 miles.
10. Help assemble an outpost first aid kit, and explain why each item is needed. Make a list of items needed for a 3-day outpost camping trip.
11. Demonstrate how to play four outdoor games, and plan a program for a campfire service.
12. Camp out a total of at least 10 days and nights.

CANOEING

Earn a Red Cross Canoeing Certificate or meet the following standards:

1. Swim 100 yards demonstrating: breaststroke, sidestroke, backstroke.
2. In water 6 feet or more deep, remove your trousers, tie a knot in each leg, inflate the trousers, and float motionless for 1 minute.
3. Discuss the contents of a good emergency repair kit, and explain how to use it to repair a 1-inch hole in a canoe.
4. With your commander or instructor in the stern, do the following: Paddle in a straight line for 100 yards, demonstrate proper turns, and pivot and backwater in a straight line for 50 yards.
5. Properly demonstrate the following: boarding, launching, landing, and tying the canoe to the dock or shore.
6. Demonstrate how to turn a swamped canoe right side up, then get in and paddle it for 10 yards with your hands.
7. Using a canoe, demonstrate the proper rescue of a swimmer.
8. List the safety rules for canoeing.
9. Demonstrate the following canoeing strokes: bow, sweep, reverse sweep, "J," draw, pushover.
10. Participate in a canoe trip of at least 10 hours.



CARDIOPULMONARY RESUSCITATION (CPR)

Earn the community CPR certificate through the American Heart Association for the American Red Cross.



CARPENTRY

1. Do any three of the following:
 - a. Build two sawhorses.
 - b. Name five types of hardwood and five types of softwood. State what purpose they are best suited for.
 - c. Build a birdhouse or a doghouse.
 - d. Identify and display five types of nails or other attaching devices.
 - e. Make a toolbox.
 - f. Make some type of furniture.
2. Read two books on basic carpentry.
3. Name and identify 10 woodworking tools.
4. State safety rules for using woodworking tools.
5. Show how to properly store hand tools.
6. Properly sharpen a saw, a chisel, and a plane.
7. Identify three Scripture passages related to carpentry.



CHEMISTRY

1. Correctly demonstrate the following experiments: neutralization, the precipitation of a solid from a solution, the evolution of a gas, the combination of two elements to form a compound.
2. Complete a two-semester high school chemistry course with a grade of at least "B."



CHRISTIAN MISSIONS

1. Write a report, based on an interview with your pastor, that will explain each of the following:
 - a. The definition of missions, both home and foreign
 - b. Three Bible references commanding missions
 - c. The size of your church's annual missions budget
 - d. The number of missionaries your church supports monthly
 - e. The countries represented by missionaries your church supports
 - f. How Assemblies of God missionaries are supported
2. Explain how the following organizations support missionaries in their work, and write to each for information:
 - a. Light-for-the-Lost
 - b. Lifestyle Evangelism
 - c. Speed-the-Light
 - d. Boys and Girls Missionary Crusade
 - e. Missions Abroad Placement Service
 - f. Mission America Placement Service
 - g. Ambassadors in Mission
 - h. International Correspondence Institute
3. Choose a home missionary and a foreign missionary from your district, and



write them to learn of their current activities and job descriptions. Also, ask them to describe the country or area in which they minister.

4. Either interview a visiting missionary or write a missionary from your district. Ask the missionary how he or she received the call to missions.
5. If possible, visit a Home Missions work or a pioneer church in your district.
6. Write to the Division of Foreign Missions and request the pamphlet *Steps to the Field*. Read the pamphlet, then—without looking at the pamphlet—explain to your commander all the steps a missionary goes through to get to the mission field. Write to the following address: Division of Foreign Missions, 1445 Boonville Ave., Springfield, Missouri, 65802-1894.
7. Make a pledge on your own to your church's missions program and, with God's help, work to fulfill it.
8. For 2 months, read the *Mission America* newsletter (from the Division of Home Missions) and the *Pentecostal Evangel* Missions World edition. Choose one article you have read and share it with your Royal Rangers group. Have the group pray with you for the missionary or the work discussed in that article. Select a missionary highlighted in the quarterly insert, and pray for him on his birthday.
9. Select and read two of the following books: *Moving Mountains*, *Lillian Trasher*, *Peruvian Gold*, *Remembering Nigeria*, *Heroes of the Faith*, *Jesus*.

CHRISTIAN SERVICE



1. Explain the meaning of the following, and give a Scripture reference for each: *grace*, *repentance*, *faith*, *new birth*, *sanctification*.
2. Explain in detail the steps in becoming a Christian and a person's responsibilities after becoming a Christian—including such things as conduct, faithfulness, stewardship, and witnessing.
3. Personally lead a soul to Christ. Continue to encourage the person by praying for and with him, by reading the Bible with him, by discussing problems with him, and so on.
4. Discuss with your pastor ways you can be of service to God and your church. Then spend at least 15 hours engaged in Christian service.
5. Make a list of the opportunities in the field of full-time Christian service. Interview two individuals engaged in full-time Christian service, such as a pastor, an evangelist, a missionary, and a chaplain. After the interview submit a report, including answers to the following questions:
 - a. What training and education are needed?
 - b. What opportunities are available?
 - c. Is full-time Christian service satisfying and rewarding?
 - d. What sacrifices are necessary?
 - e. How did they receive their calling?
6. Interview a layman who is active in Christian service, and discuss with him how a person can serve Christ and the church as a layman whose profession or trade is unrelated to the church.

CHURCH

1. Make a report on the history of your local church, stating when it was organized, who the first pastor was, etc. Photos of its original building and of special events would be helpful.
2. Demonstrate your knowledge of your church by answering the following questions asked by your commander:
 - a. When and where was the Assemblies of God organized?
 - b. Give the approximate number of Assemblies of God churches today and the estimated national Sunday school attendance.
 - c. Explain the requirements for membership in your local Assemblies of God church.
3. Explain the importance of church membership.
4. Do two of the following:
 - a. Serve for 2 months as a member of a church choir, band, quartet, etc.
 - b. Serve as an usher for a 1-week series of special meetings.
 - c. Direct traffic or parking during four special church functions.
 - d. Take photos of two special church events—such as vacation Bible school, youth rallies, fellowship meetings—and arrange them for display.
 - e. Hold an office in your youth group.
5. Explain how your church is financed. Demonstrate your stewardship by paying the tithe on your earnings to your church. Give a Scripture reference for tithing.
6. Explain the purpose of each department in your church, such as Sunday School, Men's Ministries (HonorBound), Women's Ministries, and Youth Ministries.
7. Explain why the Assemblies of God is one of the fastest growing church organizations in America.
8. Read the *Our Church Heritage* packet, available from the national Royal Rangers Office and answer any 10 questions selected by your commander from the booklet.
9. Spend at least 10 hours promoting your church in visitation, etc.
10. Become a member of the church you attend.



CITIZENSHIP

1. Write a 500-word theme on the history of your community, listing information such as the Indian tribes who lived there, the first known settlers, and important historical events and people.
2. Using a map, point out important places in your community, such as fire stations, police stations, city hall, hospitals, schools, and churches.
3. Visit one department of your local government and report on its services to your community.
4. Explain in detail how to do the following: report a fire, report an auto accident, call an ambulance, obtain an automobile license, obtain a dog license, obtain a building permit, call a doctor.



5. List and explain five ways a Royal Ranger can be a good citizen.
6. Participate in a community service project.
7. Explain and demonstrate how to respect and properly display the American flag.
8. Read the Declaration of Independence and the Constitution of the United States of America, and explain their purposes and how each benefits us as American citizens.
9. List the names and titles of the major leaders in your state government.
10. List the names of the senators from your state and the representative in Congress from your district.
11. Tell which branch of government is responsible for the following: national parks, flood control, the investigation of the violation of federal laws, the minting of money, the supreme command of the Armed Forces, soil conservation, atomic energy.
12. List two Scripture references stating some of our responsibilities to our government and officials.

COMPUTER SCIENCE



1. Describe the difference between a bit and a byte.
2. Describe the difference between ROM and RAM.
3. Describe the difference between the operation of an on-line system and a batch system.
4. Tour a computer room or a business in operation.
5. Write a brief description of the different jobs performed by computer personnel, such as operators, programmers, schedulers, and systems analysts.
6. List and briefly describe three types of input devices, three types of output devices, and two types of storage devices.
7. Draw a flow chart of a simple input/output operation.
8. Identify the difference between a systems programmer and an applications programmer.
9. Do one of the following:
 - a. Research the prospects for a career in data processing in your area, listing five possible sources of employment.
 - b. Write an essay of at least 500 words on the history of the computer industry.
 - c. Keep a list for 1 month of all the ways a computer affects your life, such as bills received in the mail, tickets from cash registers, and coded prices on packages.

COOKING



1. Plan a menu for a 3-day outing (nine meals).
2. Make a list showing the cost and amount of food needed for an eight-man patrol on a 3-day outing.
3. Make a list of the utensils needed to complete the menu.
4. Cook six complete meals over a campfire using three different methods, such as baking, frying, boiling, and tinfoil cooking.
5. Use safe food-handling practices and clean up the site thoroughly.

CYCLING

1. Know and demonstrate proper safety rules on the road.
2. Take apart and clean a bicycle, then put it together again properly.
3. Repair a puncture in a bicycle tire.
4. With a friend take three separate trips. These trips should be at least 10 miles in length.
5. Keep a log of each trip and make a report to your commander.



DISABILITY AWARENESS

1. Visit a facility that serves the needs of the physically impaired, developmentally impaired, or other disabled individuals. Write a 200-word report on your visit.
2. Complete an accessibility survey of your local church. Answer the following questions in your report:
 - a. Are there wheelchair ramps wherever there are steps?
 - b. Are there handrails wherever there are steps, ramps, or rest rooms?
 - c. Are any provisions made for the deaf (such as sign language interpreters)?
 - d. Are rest room facilities accessible to those in wheelchairs?
 - e. Are drinking fountains designed so that those in wheelchairs can use them?
 - f. Are other conditions present that would help or hinder the use of your church building by a person with a disability?
3. Complete any two of the following awareness activities and write a 200-word report on your experiences, including ways you compensated for your handicap, your personal feelings during the activities, etc.
 - a. Spend at least 4 hours blindfolded. Go about the normal activities of your day without your sense of sight.
 - b. Spend at least 4 hours wearing earplugs. Go about the normal activities of your day without your usual sense of hearing.
 - c. Spend at least 4 hours in a wheelchair. You cannot use your legs.
 - d. Spend at least 4 hours trying to communicate with others without the use of speech.
4. Demonstrate the sign language alphabet from memory.
5. Give three Scripture references concerning people with disabilities.



ELECTRICITY

1. Define the following terms: *voltage, amperage, watts, watt-hours, kilowatts, resistance, insulator, wire gauge, receptacle, and switch.*
2. Explain what a transformer is and how it works.
3. Explain the difference between direct current (DC) and alternating current (AC).



4. Make a list of items in your home that use direct current and alternating current.
5. Make a chart of your home showing outlets, switches, lights, and appliances that are controlled by fuses or current breakers. Mark these breakers or fuses to indicate what they control.
6. Explain what your state and city requirements are for becoming an electrician.
7. Explain how electricity is generated.
8. Explain how an electric motor runs.
9. Explain what an electromagnet is.
10. Explain how an incandescent light works.
11. Explain the purpose of a grounding wire on home appliances.
12. Explain the generally accepted color codes for neutral, hot, and grounding wires.
13. Read your home electric meter and determine your electric bill for the month.
14. Secure a bell transformer, a doorbell, and a switch. Construct, demonstrate, and explain how a doorbell operates and what each part does.
15. Explain and demonstrate how you would rescue and give first aid to a person who has an hot electric line lying across him.

ENVIRONMENT



1. Define the words *habitat* and *niche*. Describe a natural habitat, including plants and animals, near your community. Find a disturbed area—one that has been significantly changed by man-made activities or by a natural disaster—and describe what plants and animals now live there.
2. Define the term *food chain*. Select a food chain you are familiar with and describe it.
3. Define the terms *threatened species* and *endangered species*. Obtain a list and pictures (photos or drawings) of some of the threatened and endangered species in your area.
4. Define the term *storm-water runoff*. Explain what harmful things can be found in storm-water runoff. Learn where the storm-water runoff empties in your community. Describe what pollutants do to the water and what can be done to prevent or remove these pollutants.
5. Visit a drinking or wastewater (domestic, industrial, or hazardous) treatment plant. Write a 300-word report on your visit. Include in the report a description of the process used to treat wastewater and, if possible, photos or drawings.
6. Describe how water cycles from the clouds to the ground and back again. Explain the role of groundwater in this cycle. Define the terms *water table* and *aquifer*. Describe what surface water and groundwater resources are available in your area. Tell what can contaminate surface water and groundwater. Learn if the use of septic tanks, underground fuel storage tanks, or backyard dumping is a problem in your area; tell why or why not.

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- List three ways your family can conserve water; list three ways your community can conserve water.
 - Give one example each of a stationary and a mobile pollution source. Describe the features of a car that reduce air pollution. Give ways factories or power plants could reduce emissions from their stacks.
 - Define the word *recycling*. Weigh your family's trash—everything you throw away, including kitchen and lawn wastes—for 1 week. Then multiply the weight by 52 to find out how much waste you throw away in 1 year. Record your findings.

The following week pick out those things from your trash you feel could be reused, recycled, made into compost, or converted to energy. Weigh separately these items and the items you chose to throw away. Multiply these weights by 52 to find out how much you could conserve and how much you would throw away in a given year. Record your findings.

After completing this 2-week study, write a 300-word report on your findings. List in the report what items you selected to reuse, recycle, compost, or convert to energy. Tell what conservation methods are being employed by your community.

- Name some products your family uses that are toxic or hazardous. Describe what products your family could use instead of these toxic or hazardous items.
- Take part in a local cleanup or restoration effort. (Complete this step by yourself or with your Royal Rangers group.)

FIRE CRAFT

- List fire safety rules including the requirements of a good fire site.
- Assemble and explain the use of campsite fire-fighting equipment.
- Obeying all fire safety rules, demonstrate your ability to start a fire by using each of the following:
 - One match
 - Flint and steel
 - A bow and drill
 - A metal match
 - A magnifying glass
- Demonstrate how to build six different types of fires and explain their purposes.
- Cook at least three meals using three types of fires.
- Demonstrate your ability to correctly use at least one type of camp stove.
- Explain fire fighting procedures in the following settings:
 - A home
 - The woods
 - In an open field
- Assemble and use six forms of tinder.
- Investigate and list other safe ways to light a fire.
- Investigate and list methods of coloring flames.



11. Plan and conduct an outpost council fire, construct the fire, provide a unique fire lighting method, and plan and conduct the program (which should include a devotional and other activities).

FIRST AID

Complete the American Red Cross Standard First Aid Course.



FISHING

1. Name and identify 10 different fish in your area.
2. Catch three kinds of fish and clean them for cooking.
3. Name the parts of a rod and reel.
4. Name different kinds of rods and reels and their unique purposes.
5. Catch and identify four kinds of bait.
6. Show how to take care of fishing tackle.
7. Explain the feeding habits and breeding locations of fish in your area.
8. Explain where to find fish during weather of different temperatures.
9. Identify when open season on game fish is in your area.
10. Explain what your state's fish conservation office is doing to promote better fishing in your area.
11. Visit a fish hatchery or a local fish-and-game conservation office.
12. Learn your state's fishing regulations.



FOOTBALL

1. Read a rule book on the game of football.
2. Read a book about the history of football.
3. Draw a diagram of an American football field and identify each important part.
4. Describe five rules of football.
5. Earn a football letter or a certificate of participation as a player or a manager in your junior or senior high school football program.
6. List the differences between high school and professional football rules.
7. Write a 300-word story on the history of five outstanding Christian football coaches.
8. Select five Scripture verses that support Christian standards in athletics.
9. List 10 exercises that condition the body for football competition.
10. Tell where the National Hall of Fame is located, and name a former football player who is a Hall of Fame member.
11. Interview a (preferably) Christian coach regarding the following:
 - a. A winning attitude
 - b. The building of character



- c. A Christian example
 - d. Physical fitness
 - e. Preparation for the future
12. Describe the role of the team captain.
 13. Describe the difference between offense and defense.
 14. Explain the role of each position on offense and defense.

FOREIGN LANGUAGE

Take a foreign language course in school and receive a "B" average for the year.



FOREIGN MISSIONS

1. Read a biographical book about a foreign missionary.
2. Explain to your commander the biblical basis for foreign missions.
3. Participate in the financial support of foreign missions by giving to or raising funds for a recognized missionary or missions program (such as Speed-the-Light, Light-for-the-Lost, Boys and Girls Missionary Crusade, or Latin America Childcare).
4. Correspond with foreign missionary families from at least five different countries.
5. Write a report on one nation and include the following information:
 - a. A brief history of the country
 - b. The major religions
 - c. The type of government
 - d. The population (its ethnic diversity)
 - e. The geography
 - f. Missions involvement by Assemblies of God missionaries
6. Explain in detail the process of becoming an Assemblies of God missionary (being called of God, applying, being appointed, attending language school, itinerating, etc.).
7. Actively participate in a missions trip—other than an AIM or MAPS trip—of at least 1 week in a foreign country with a recognized Assemblies of God missionary. Write a 500-word report on your trip.
8. Give three Scripture references concerning foreign missions.



FORESTRY

1. Visit a forest, wooded area, or tree farm and write a 300-word report of your trip.
2. List 10 uses for trees.
3. List five enemies of a tree or a forest.
4. Explain the parts of a tree.



5. Explain each step involved in planting and caring for a tree.
6. Explain how to tell the age of a tree.
7. Explain how trees prevent soil erosion.
8. Collect, mount, and identify 10 tree leaves or branches.
9. List 10 animals that depend on the forest for their food and shelter. Describe where one of the animals lives and what it eats.
10. Study four trees native to your state (one should be your state tree). Submit a notebook that includes the following for each of the four trees:
 - a. A photo or drawing of the tree
 - b. A sketch of the tree leaf or branch
 - c. A sketch of the tree seed
 - d. A list of the uses of the tree, such as lumber, plywood, nuts, etc.
11. Explain the term *forestry*.

GARDENING



1. Demonstrate how to prepare the soil for planting.
2. Plant and cultivate six or more kinds of vegetables in a garden plot. (Plant at least 10 units of each kind of vegetable.)
3. Demonstrate the proper use of home gardening tools and the care and maintenance of these tools.
4. Explain how to keep insects, small animals, and disease from harming your garden.
5. Explain how and when you would use insecticides on green, leafy vegetables, root vegetables, and fruitbearing vegetables.
6. Keep a weekly log of the growth and development of your garden. Keep records of the cost and working hours spent in the garden.
7. Demonstrate how to harvest and to prepare some of your vegetables. Prepare some of your vegetables for a family meal.
8. Prepare a compost pile from the waste products from your garden and yard.
9. Demonstrate and explain the proper preparation of the soil immediately after the harvest season.
10. List and explain the nutritional value of a leafy vegetable, a root vegetable, and a fruitbearing vegetable. Explain how to preserve them by canning, storing, freezing, etc.

GEOLOGY



1. Collect at least five ores. List their name, the metals commonly produced from each ore, and how the metal is used.
2. Collect in the field at least 10 rock-forming minerals and list the name of each.
3. Collect at least 15 different fossils.
4. Visit one of the following commercial operations: a mine, an oil or gas field, or a quarry. Discuss with the foreman (or someone in charge) how the deposit was formed, how it was found, and how it is being developed.

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- Polish a rock-forming mineral and use it to decorate a piece of jewelry, such as a ring, a tie clasp, or a belt buckle.
 - List three Scripture verses referring to ores—for example, rocks, gold, silver, and copper.

GOLF

- Do three of the following:
 - Play at least nine rounds of golf, 18 holes for each round.
 - Read two books on golfing.
 - Obtain the following golfing items: a golf bag, 12 golf balls, 10 golf tees, 3 golf irons, and 2 golf woods.
 - Take 2 months of golfing lessons.
- Demonstrate the proper way to keep score.
- Demonstrate an acceptable way to putt.
- Demonstrate the proper way to repair a golf ball mark on the green.
- Explain golfing sportsmanship.



HIDE TANNING (GENESIS 3:21)

- Read two books on hide tanning.
- Obtain information on at least three different tanning solutions.
- Explain what the antidotes are for each solution.
- Describe and list at least five tools used in hide tanning.
- List the safety precautions to be followed in using tools and solutions in hide tanning.
- Explain, in 100 words or less, the complete process of tanning a hide, including the solutions used in this process.
- Explain how to remove an animal's hide.
- Secure a fresh or salted hide and tan it (under adult supervision).



HIKING

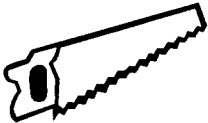
- Explain the safety rules for hiking on the open road and in the wilderness.
- Discuss the merits of three different types of packs. State your preference and explain why.
- Assemble a pack for an overnight hike of a distance of at least 5 miles. Include a blanket or a sleeping bag and whatever supplies are needed for personal use.
- Make a list of the clothes and shoes that are best for hiking during warm weather, cold weather, and wet weather.
- Explain proper foot care to prevent blisters during hikes.
- Explain how to avoid becoming lost in strange territory. List the rules to follow if you become lost.
- Take two hikes of at least 5 miles each. Keep notes on the things you observed on these trips.



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8. Demonstrate your ability to use a compass and map by taking a cross-country hike of at least 5 miles.

HOBBY

Do any eight of the following projects. Any additional projects approved by your commander may be added to this list.



1. Build a small toolbox.
2. Paint an oil painting of at least 8 by 10 inches.
3. Build a yard sign with your house number on it. It should be clearly visible from the street.
4. Make an item with mosaic tile.
5. Build a birdhouse.
6. Make a copper tooled wall plaque or picture suitable for framing.
7. Build a bird feeder. Observe the kinds of birds that eat there.
8. Construct a small leather article that requires leather tooling.
9. Build a model boat. Use your own plans or buy a kit.
10. Using basket weaving, construct a useful item.
11. Build a model airplane. If you build a flying model, take credit for two projects.
12. Collect eight items (all of the same kind or order, such as eight Mexican coins, eight Canadian stamps, etc.) and mount, identify, and display them.
13. Build a kite that will fly. It must be homemade.

HOME REPAIR

Do 12 of the following:



1. Repair an electric plug or lamp.
2. Repair a leaky faucet.
3. Clean out a sink trap.
4. Replace a broken windowpane.
5. Paint a room.
6. Clean the gutters.
7. Clean the chimney and fireplace.
8. Scrub and wax a floor.
9. Caulk the windows and fireplace.
10. Clean storm windows and screens. Place them on the window frame.
11. Lay tile.
12. Hang a picture.
13. Help clean out the garage, attic, storeroom, or basement.
14. Repair the water hose.
15. Repair some damaged furniture.
16. Repair a tight fitting door.
17. Help winterize your home.

HOME SAFETY

1. Outline a home fire plan. Explain it to and discuss it with your family.
2. Conduct a home fire drill.
3. Survey your home for fire hazards.
4. Locate and learn how to safely turn off the following:
 - a. The main, and any other, fuse box
 - b. The main natural gas, liquid propane gas, or outside oil tank valve
 - c. The main water valve
5. Survey your home for electrical hazards.
6. Survey your home for hazardous chemicals and poisons, and plan for their proper storage or disposal in cooperation with your parents.
7. Survey your home for dangerous areas and conditions, such as unsafe stairways, broken glass, and unprotected fans. List and discuss the elimination of these with your parents.
8. List hazardous tools used at your home, such as a lawn mower and a power saw, and outline safe operating procedures for each.
9. Discuss family procedures for a power failure.
10. Demonstrate first aid for bleeding, breathing difficulties, and poisoning.
11. Make a list of equipment and supplies, such as a first aid kit, a shovel, and canned goods, that are useful during home emergencies.
12. Assemble a home first aid kit.
13. Prepare a list of emergency phone numbers, including the local police, fire department, ambulance, family doctor, power company, and family members' business phones. Write the numbers in a phone book and/or post them near a phone.



HORSEMANSHIP

1. Name four breeds of horses and explain what each breed is noted for.
2. Demonstrate how to harness and saddle a horse. Explain what each piece is and its purpose.
3. Demonstrate how to properly ride a horse at a walk, a trot, and a gallop.
4. Show how to properly mount and dismount.
5. Show how to clean, oil, and treat the saddle and bridle.
6. Explain how to shoe a horse.
7. Demonstrate your ability to feed and water a horse.
8. Explain six common horse diseases, their symptoms, and their cures.
9. Explain what a gait is. Name four types of gaits.
10. List and diagram the different parts of a horse.



HUNTER SAFETY

1. Complete your state's hunter safety course and obtain a hunter safety certification card.
2. If your state does not have a hunters education program, enroll in an education program sponsored by the National Rifle Association.



3. Demonstrate, under adult supervision, the skills you have learned while hunting.

INDIAN LORE



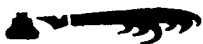
1. Make an Indian costume. It should consist of a headdress, a shirt, leggings, etc.
2. Make and decorate (with Indian designs) two of the following articles: a tom-tom, a bow and arrows, a quiver, a lance, a belt, a war bonnet, a totem pole.
3. Construct a model of an Indian dwelling, such as a tepee.
4. Give the history of an Indian tribe that once lived near your home. Explain as much as possible about their customs and habits.
5. Demonstrate three Indian games.
6. Visit a museum containing Indian relics, or visit an Indian reservation, and make a report of your trip.

INSECT STUDY



1. Describe the distinguishing features of insects, spiders, and centipedes. Explain how spiders and centipedes are different from insects. Give information regarding the populations of the various groups of insects on earth.
2. Describe the main parts of an insect.
3. Compare and contrast the life cycle of a grasshopper to that of a butterfly. Draw a spiritual application from these differences.
4. Describe a social insect group and contrast it to a solitary insect.
5. Collect and correctly mount and label 40 different insect species. Include at least 8 different orders and 20 different families. (Some insects in your locale may be protected under the Endangered Species Act of 1973. Check which ones these may be and do not collect any of them.)
6. Name five diseases that are carried to humans by insects. Briefly describe how these pests have been controlled.
7. Name four species that are helpful to humans and describe how they are helpful.
8. Observe an ant colony for 1 week and report your observations.
9. Explain the importance of insects in the food chains of other insects, fish, birds, and mammals.
10. Cite three Scripture references that mention insects.

JOURNALISM



1. Define the word *journalism*.
2. List four main types of publications.
3. List 10 Bible verses that describe the Christian attitude of a person involved in this vocation.
4. Tell how a Christian journalist can be a witness for Christ.

5. Write five 100-word articles, each about a Christian journalist, publisher, editor, or another individual in the journalism business.
6. Interview a person who works in the journalism business, then write an article about him that includes the following topics: Christian character, attitude, education, on-the-job training, and attitude toward the future.
7. Write four separate articles about your outpost. Try to have them published in either the community newspaper or church newsletter.
8. Prepare three separate posters that will promote Royal Rangers activities in your church or section and post them in your church.
9. Write a 200-word paper about Jesus Christ and how He dwells in your life. In short, tell what Jesus has done for you.

KAYAKING

1. Successfully complete a certified course in flat-water kayaking through organizations such as the American Canoe Association and Outward Bound.



LAW ENFORCEMENT

1. Tour a city, a county, and a state police agency. Describe the different duties and responsibilities of each agency.
2. List the different pieces of equipment a police officer uses during his daily activities for accident investigation, criminal investigation, making arrests, traffic enforcement, and training.
3. Interview a local police officer. Ask how he or she became involved in law enforcement. Ask about the most dangerous situation and the most rewarding moment the officer has experienced. Also, learn what the most important qualities are in a police officer. Write a 500-word theme about the interview.
4. Have a police officer show you a police cruiser. Ask for an explanation of the unique features of this vehicle and its specialized equipment. Write an article explaining the use of the equipment.
5. From your pastor, local police, or sheriff, find the name of someone currently in prison. Write a letter to this person, expressing your faith in Jesus Christ.
6. In your Bible, find where a serious crime was committed. Tell who committed this crime, how it was solved, and what punishment was received.
7. Read and explain Romans 13:1–6.



LEATHER CRAFT



1. Collect samples of various kinds of leather, such as horsehide, pigskin, cowhide, and calfskin. Explain the characteristics of each hide and the best uses for each.
2. Make two or more articles from leather that involve one of the following: the transferring of patterns, cutting, sewing, punching holes, or lacing.
3. Take a piece of leather and decorate it by doing one of the following: carving, burning, stamping, tooling, painting, or beading.
4. Demonstrate your ability to clean, waterproof, and care for a piece of leather apparel.
5. Repair one damaged leather article, such as a suitcase, a handbag, or a pair of shoes.
6. Investigate and explain what types of jobs are available in your community in the leather industry. Choose one particular job you are interested in and explain what the qualifications are for it.
7. List five Scripture passages referring to leather craft.

LIFESAVING



Earn the American Red Cross Lifeguard Training Certificate or the American Red Cross Basic Lifeguarding Certificate.

LIGHT-FOR-THE-LOST



1. View *Carry the Torch*, a 13-minute video. (You may view the film at a public showing, or obtain the video from the national Light-for-the-Lost Office.)
2. Take the *LFTL Study Course*. This course can be obtained from the national Light-for-the-Lost Office.
3. Write a report on Light-for-the-Lost.
4. Write a letter asking a missionary to send you an autographed gospel tract, or have a visiting missionary autograph a tract. (Ask your commander for the address of a missionary.)
5. Attend a Light-for-the-Lost banquet or an appropriate missions event. Most districts conduct annual LFTL tours. These banquets are often held on a sectional basis. Some sections may have rallies instead of banquets.

MISSION AMERICA PLACEMENT SERVICE

MAPS/DHM

1. Contact the Mission America Placement Service in the Division of Home Missions and arrange to take a stateside MAPS trip. (You must be 15 years old and accom-

panied by a parent or guardian.) Also, request any literature available on this ministry. Write to the following address: 1445 Boonville Ave., Springfield, Missouri, 65802-1894.

2. Participate in a MAPS trip.
3. Write a 500-word article about your MAPS trip. Using information from the literature you have gathered, explain what the MAPS ministry is all about.

MISSIONS ABROAD PLACEMENT SERVICE

1. Contact the Missions Abroad Placement Service in the Division of Foreign Missions and arrange to take a MAPS trip. (You must be 15 years old and accompanied by a parent or guardian.) Also, request any literature available on this ministry. Write to the following address: 1445 Boonville Ave., Springfield, Missouri, 65802-1894.
2. Participate in a MAPS trip.
3. Write a 500-word article about your MAPS trip. Using information from the literature you have gathered, explain what the MAPS ministry is all about.

MAPS/DFM

MODEL

1. Describe the types of modeling done by professional automakers, aircraft and spacecraft designers, etc.
2. Describe (or display using a correct draft) how to properly plan to make a model.
3. For the model you have selected, describe different types of model-finishing materials and the different effects they have.
4. Demonstrate proficiency in constructing, displaying, or operating models.
 - a. If building airplanes, cars, military or space vehicles, boats, buildings, or other structures that are nonoperational, your proficiency should include the proper use of glue (or another adhesive), painting (or another method of finishing), and methods of display that create an authentic or reallife appearance.
 - b. If building airplanes, cars, military or space vehicles, boats, or rockets that are operational—such as U-control, radio control, free flight, etc.—your proficiency should include the proper construction, finishing, and operation of the model. If possible, demonstrate your model to your outpost group.
 - c. If building railroads, your proficiency should include the proper and authentic construction, finishing, setup, and operation of the railroad system. Photograph your railroad setup and use the photographs to give a report to your outpost group about the railroad era, types of locomotives and cars, background or scenery, and railway operations.
 - d. If building steam engines and associated tools or operations, and other large immobile operating models, present your operating models as a railroad display.



MODEL ROCKETRY



1. Memorize the National Association Rocketry Safety Code.
2. Explain the procedure for rocketry countdown.
3. Explain what the numbering and lettering on a rocket engine means.
4. Build a skill-level-one rocket, a skill-level-two rocket, and a skill-level-three rocket.
5. Fly a rocket for at least three flights.
6. Write a 200-word essay on the flight of a rocket beginning with the time it is on the launchpad.
7. Make or purchase a rocket altitude finder; explain and show how it works.
8. Draw a design of a rocket and build it.
9. Read at least two books on the history and design of rockets.
10. Cite three Scripture references on outer space.

MOTORBOATING



Complete the American Red Cross Motorboating Course.

MUSIC



1. For at least 6 months, sing as a soloist or in a group (such as a quartet or choir), or play a musical instrument as a soloist or in a group (such as a band or orchestra).
2. Read music from a church hymnal. Explain all of the musical signs.
3. Identify 10 musical instruments by sound.
4. Demonstrate your ability to lead a song service or to direct an orchestra, using proper conducting patterns.
5. Select 10 of your favorite hymns or gospel songs; tell the story of how each came to be written.
6. Cite three Scripture references regarding singing or musical instruments.

NATURE STUDY



1. Select for study one typical wildlife community (a forest, a prairie, a marsh, a desert, a mountaintop, etc.) near your home. Take a hike, making notes about the trees, plants, animals, birds, insects, etc., that you see. Explain how to identify each of these.
2. Be able to locate the Big Dipper, the Little Dipper, the North Star, and one other constellation. Report on a legend about one of the constellations.

3. Make an indoor desert garden or woodland terrarium, using five plants. Or make an aquarium and keep three species of fish in it.
4. Do any 10 of the following:
 - a. Collect and identify leaves from 10 kinds of desert trees or plants, such as cactus, yucca, etc.
 - b. Collect and identify a sample of the seed or fruit of 10 kinds of trees.
 - c. Collect and identify samples from six kinds of wood.
 - d. Catch and identify three kinds of fish.
 - e. Be able to name and identify five types of frogs or five kinds of reptiles, using live specimens or pictures.
 - f. Take a bird hike and count the number of birds you see and hear and the nests you see.
 - g. Recognize in the field five signs of wild animals, such as tracks, dens, sightings etc.
 - h. Collect 20 bird pictures and be able to identify each bird.
 - i. Collect 10 kinds of insects and mount them.
 - j. Collect at least seven varieties of flies and identify them.
 - k. Collect seven kinds of seashells.
 - l. Collect 10 kinds of flowers.
 - m. Describe how to recognize three kinds of poisonous plants, such as poison oak and poison ivy.
5. Know the conservation pledge and show that you understand it.
6. Explain what you can do to aid in conservation.
7. List three Bible verses showing God's concern for the things of nature.

PATHFINDER

1. Describe two types of compasses. Know the 16 points of the compass and be able to express each point in terms of degrees.
2. Know the meaning of the following terms: *magnetic north*, *true north*, *magnetic variation*.
3. Demonstrate your ability to find directions using the face of a watch and the stars.
4. Sketch a map of an area, 1 mile square, where you have hiked or camped. Indicate landmarks (using the proper symbols), contours, and compass directions.
5. Take part in at least three orienteering races or exercises, demonstrating your ability to use a compass and map efficiently.
6. Obtain a topographical map of your area and become acquainted with its symbols, contours, etc.
7. Using a compass and a map, take a cross-country hike of at least 5 miles.
8. Cite three Scripture references regarding features on a map, such as rivers, mountains, trees, highways, and cities.



PHOTOGRAPHY



1. Submit 25 black-and-white photographs, 20 color transparencies, or two 50-foot reels of movie film taken by yourself. List the type of camera used, the lens setting, the time taken, and where it was taken. The pictures must be acceptable.
2. Explain the principle of photography. Explain what happens to film inside the camera and in the darkroom.
3. Identify the following camera parts: viewfinder, speed adjustment, shutter release, focus adjustment, film wind and rewind knobs. Explain the purpose of each.
4. Explain the purpose of the following items: flash, exposure meter, telephoto lens, filters, tripod.
5. Set up a darkroom; develop and print a roll of black-and-white film you have taken yourself.
6. Investigate the opportunities for a career in some aspect of photography. Report your findings.

PHYSICAL FITNESS



1. Demonstrate your understanding of physical health by answering the questions asked by your commander on the following:
 - a. The importance of being fit
 - b. The basic foods needed in your daily diet
 - c. The importance of cleanliness in the control of illness
 - d. The need for sanitary control of water
 - e. The effects of tobacco and alcohol on good health
2. Present a list of your personal health habits, including the following:
 - a. The number of hours you sleep
 - b. The care of your skin, hands, and fingernails
 - c. The care of your teeth
3. Demonstrate five exercises suitable for all-around physical development. Do each of these daily for not less than 8 weeks.
4. Demonstrate your ability to meet the following physical fitness tests after training for each.

Exercises:	Push-ups	17
	Pull-ups	7
	Sit-ups	45
5. Hike at least 5 miles.
6. Cite three Scripture references that pertain to physical exercise, such as walking, running, and wrestling.

PIONEER LORE



1. Study the history of the inhabitants in your area.
2. Write a 200-word historical report on the people who settled in your city, county, or state.

3. Name at least one of the individuals who brought your state into statehood.
4. Name a Native American tribe that once lived in your area.
5. Discuss the nationalities that were represented by the early settlers in your area.
6. Write a 200-word report on the lifestyle, homes, clothing, etc., of the early settlers in your area.
7. Do two of the following: Make a piece of pioneer clothing by hand. Make a pioneer cooking utensil. Make a piece of pioneer furniture. Prepare a pioneer meal for your family or Royal Rangers group.
8. Visit a historical museum in your state. Take pictures of 12 displays in the museum. (Make sure taking pictures in the museum is okay.) Write a 200-word report on the museum you visited.

PIONEERING

1. Complete the requirements for the Rope Craft Award.
2. Write a report on the first use of the word *pioneer*.
3. Build a miniature rope bridge and tower.
4. Participate in building a full-scale rope bridge and tower.
5. Draw a diagram of two types of bridges and towers; explain their uses.
6. Make a model fort. Explain how the fort walls were bound together.
7. Build a primitive piece of furniture, using dovetail or wood peg joints.



PLUMBING

1. Purchase or obtain from your local library a book on simple plumbing and read it.
2. Draw a diagram of the plumbing in your bathroom, showing the route of hot and cold water to the tub, shower, sink, and commode from the water meter of your home.
3. Tell how you would make the water system in your home safe from freezing.
4. Draw a diagram of the drainage system in your home and explain how it works.
5. Show how to use six different plumber's tools.
6. Identify and explain the purpose of the following: washer, cup nut, elbow, nipple, plug, union, drainpipe, pipe vent, float, flux, and tee.
7. Do two of the following:
 - a. Cut in half and thread two pieces of copper tubing.
 - b. Clean out a lavatory trap.
 - c. Replace a washer in a faucet.
 - d. Replace a float in a commode.
 - e. Locate your water meter and explain how to turn it off and on.
8. Demonstrate how to join two plastic pipes together.
9. Explain eight important local health regulations related to plumbing.





PRESIDENT



1. Write a paragraph on each president and list his major accomplishments.
2. Memorize the presidents in the order of their terms, and know the dates and length of each term by heart. Recite these names and facts to your commander.
3. List six qualities that all the presidents possessed.
4. List what state each president was from and the type of education each had.
5. List the candidates who were defeated by each president.
6. Make a scrapbook that contains a picture or drawing of each president plus all of the above information.
7. List 10 Scripture verses that describe the qualities of a good leader.
8. Write a short paper about your favorite president, giving the reasons for your choice.



PUBLIC SPEAKING



1. Read a book on homiletics.
2. Join a public-speaking team in your high school and earn a certificate of participation for doing so.
3. Read a book by Dale Carnegie on effective speaking.
4. Present four classes on any subject that has been approved by your commander to the Pioneers group in your outpost.
5. Give a 10-minute talk to a Sunday school class on the subject "The Royal Ranger Code."
6. Present four devotions to your Royal Rangers group.
7. Give a talk to the youth group or the church congregation about the Royal Rangers ministry.



PUPPETEER

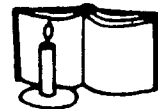


1. Make a puppet with a movable mouth.
2. Write a paragraph on the manipulation of each of these kinds of puppets:
 - a. Shadow puppets
 - b. Hand-and-rod puppets
 - c. Marionette puppets
 - d. Human-arm puppets
 - e. Life-sized puppets (e.g., the Big Bird puppet on Sesame Street)
3. Learn the correct manipulation of a hand puppet and demonstrate this by performing a song with a puppet.
 - a. Synchronize the mouth movements to the words on a tape or a spoken script.
 - b. Demonstrate proper entrances and exits on the puppet stage.
 - c. Demonstrate the correct puppet height positioning.
 - d. Demonstrate proper audience eye contact.

- e. Demonstrate hand movements using rods or human-arm puppet manipulation.
4. Give six puppet performances, either individually or with a group, before an audience.
5. Develop at least three voices that can be used for different puppets. Demonstrate the use of these voices and explain which character each one would be.
6. Draw a diagram of at least three different puppet stages you would like to build for a puppet ministry.
7. Write puppet scripts for three Bible stories and give references. Each script should take at least 5 minutes to act out.

READING

1. Read 20 books in the next 12 months (other than school-related texts): 5 books related to Royal Rangers campcrafts, 3 biographies, 3 fiction, 3 arts or science, 3 religious, and 3 electives. Write a brief review of each book. Keep a log of your reading time.
2. Visit your local library; learn how to use the catalog files and locate materials on the library shelves. Have the librarian certify your knowledge of the use of the catalog system.
3. Keep a scrapbook on current events for 6 months. Use materials from magazines, newsletters, newspapers, etc.
4. List the books you have in your own personal library. Explain how you plan to develop a more complete library for your home.
5. Subscribe for 1 year to a magazine of your choice.
6. Explain how to develop good reading habits.



REPTILE STUDY

1. Describe in detail four poisonous snakes and the one poisonous lizard found in the United States. Demonstrate first aid treatment for a snakebite.
2. Describe the main difference between each of the following:
 - a. Alligators and crocodiles
 - b. Toads and frogs
 - c. Salamanders and lizards
 - d. Snakes and lizards
3. List the approximate number of species of reptiles and amphibians in the United States.
4. Explain the difference in the life cycles of reptiles and amphibians.
5. Make sketches from field observations of six reptiles and three amphibians. Record their habits and the habitat where you found them.
6. Keep a nonpoisonous reptile or amphibian for at least 1 month. Make a log of the data observed, such as food eaten, skin shedding, color changes, and other habits.



7. Secure photographs that will identify two reptiles and one amphibian. Or give a talk to a small group about reptiles or amphibians, using pictures or living specimens.
8. Cite three Scripture references that mention reptiles.
9. Explain the importance of insects as a food source for reptiles.
10. Cite three Scripture references that mention insects.

RIFLE MARKSMANSHIP



1. Qualify for the National Rifle Association Junior Sharpshooter Award.
2. Explain and demonstrate the safety rules for using a rifle on a shooting range or in the field.
3. Explain and observe the laws of your state concerning the use of firearms.

ROPE CRAFT



1. Present the history of rope.
2. Identify six kinds of ropes and explain their value and purpose.
3. Explain how to care for ropes.
4. Learn six additional knots other than those listed in your Rangers book.
5. Make a rope machine and manufacture 6 feet of 1/4-inch-thick rope.
6. Demonstrate your skills in the following:
 - a. Short splice
 - b. Eye splice
 - c. Return splice
 - d. Square lashing
 - e. Diagonal lashing
 - f. Sheer lashing
 - g. Continuous lashing
7. Construct one of the following:
 - a. A rope bridge
 - b. A tower
 - c. A table

SAFETY



1. Demonstrate how you would make yourself visible on a nighttime hike. Explain what precautions you would take on such a hike.
2. Make a safety inspection of your home. List any conditions that might prove dangerous. Talk to your parents about these hazards. Explain what measures were taken to remedy these hazards.
3. Plan with your family what procedures you would follow in the event of a fire, tornado, or accident in your home. Make a list of these. Explain what preparations you and your family can take to prepare yourselves for such emergencies.

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4. Explain and demonstrate the proper safety procedures for riding a bike on a public road. Explain the safety equipment you should have on your bike.
 5. Demonstrate the proper safety procedures for using an ax, a knife, a saw, and other hand tools.
 6. Demonstrate how to handle and store firearms safely.
 7. Explain what safety precautions should be taken in a swimming area.
 8. Explain what safety precautions should be taken before venturing out in a small watercraft.
 9. Make a safety inspection (under adult supervision) of the family car. Check such things as the lights, turn signals, wiper blades, tires, brakes, exhaust, and emergency lights. List any conditions that could be hazardous. Talk to your parents about how these conditions could be remedied. List some of the safety equipment that should be carried in the family car during a winter trip.
 10. Explain what safety precautions you should take when using power tools such as a lawn mower, a lawn edger, and electric hedge clippers. Demonstrate safely the proper use of a lawn mower (under adult supervision).

SAILING

Earn the Red Cross Sailing Certificate (part 1 and part 2) or do the following:

1. Write a 500-word essay on the history of sailing.
2. List five types of sailboats and briefly describe them.
3. Name and describe five types of sails.
4. Name the main parts of the riggings and sails; explain their use.
5. Name the main parts of a sailboat and explain the function of each.
6. List the required and recommended equipment for day and night sailing.
7. Explain in detail the Federal Rules of the Road.
8. With the aid of another person, properly do the following:
 - a. Rig a sailboat.
 - b. Get underway from a dock or mooring.
 - c. Set the sails.
 - d. Beat, reach, run, jibe.
 - e. Upright a capsized sailboat.
 - f. Anchor.
 - g. Land at a dock and a mooring.
 - h. Furl and stow the sails.
9. Demonstrate your ability to tie the following knots:
 - a. Figure eight
 - b. Slipped reef
 - c. Sheet bend
 - d. Bowline
 - e. Round turn and two half hitches
 - f. Fisherman's bend
 - g. Rolling hitch
 - h. Short splice



- i. Eye splice
- j. Long splice

SCUBA DIVING



Earn your basic Scuba Diving Certificate from one of the following:

1. Professional Association of Diving Instructors
2. YMCA
3. National Association of Underwater Instructors
4. National Association of Scuba Diving Stores

SENIOR CITIZENS



1. With your commander's help, adopt a senior citizen in your church as a grandmother or grandfather. Or adopt both a grandmother and a grandfather.
2. Learn about their birthdays, anniversaries, etc., and present them with some special remembrance on these occasions.
3. Invite them to attend a special outpost activity and recognize each adopted grandparent at that event.
4. List six Scripture verses that tell of God's feelings toward our senior citizens.
5. Arrange a special banquet to recognize all the senior citizens.
6. Write a 100-word paper about how the adopted senior citizens have affected your life.

SIGN LANGUAGE



1. Complete a beginners sign language course, or learn 800 words in sign language. (Sign language books may be purchased from Gospel Publishing House.)
2. Witness to a deaf person about Christ using the following Scripture passages: John 1:12, Romans 3:23, Romans 6:23, and Revelation 3:20.
3. Read a book about deaf people.
4. Visit and communicate with a deaf individual.

SKIING



1. Demonstrate your ability to do the following:
 - a. Turning skills: step turns, kick turns to the right and left, jump turns to the right and left
 - b. Climbing skills: herringbone, side step, and diagonal step
 - c. Stopping skills: snowplow, braking, and christiania turn
2. Explain the proper care and storage of ski equipment.
3. Demonstrate your ability to fall and get up again on a set of skis.

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4. Explain the differences between slalom and cross-country skiing. Tell how the techniques and equipment differ.
 5. Run a slalom course or take a 5-mile, cross country ski trip.
 6. Present yourself properly dressed and equipped for a day of skiing.
 7. Demonstrate the proper use of ski poles.

SKIN DIVING

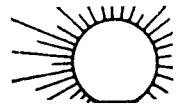
Earn your basic Skin Diving Certificate from one of the following:

1. Professional Association of Diving Instructors
2. YMCA
3. National Association of Underwater Instructors



SOLAR SCIENCE

1. Read three books on solar energy.
2. Write an essay of 200 words or more on the value of solar energy.
3. Explain in detail what solar energy is.
4. Build two of the following:
 - a. A solar still
 - b. A solar furnace
 - c. A solar water heater
 - d. A solar radio
 - e. Any other solar energy project
5. Read a book on solar science projects.



SPACE EXPLORATION

1. List all manned space flights from 1961 to 1969. Include the following:
 - a. The crew members' names
 - b. The project names
 - c. The dates of launch
 - d. The capsule names of project Mercury
 - e. A collection of the patches, if possible
2. List the name of the first astronaut to fly in space, the date of his flight, and the name of the project.
3. Explain why the United States space shuttles were built.
4. List seven uses of the space shuttles.
5. Name the oldest man to fly in space, and list his age at the time of his flight.
6. List the name of the first U.S. woman to fly in space.
7. Write a 500-word report on a manned space flight of your choice.
8. Give the name of the first satellite in space.
9. Pick a planet (other than Earth). Make a report consisting of a map of the



planet, photos, the rate of rotation, the time of revolutions, the number of moons, and any other information you can find.

10. Submit basic information about all nine planets, including a map of their position around the sun.
11. Submit copies of at least five photos taken by the Apollo Eleven crew.
12. Who was the first "astronaut" in the Bible? Cite a Scripture reference.

SWIMMING

Become certified by the American Red Cross as an Advanced Beginner Swimmer, or perform each of the following requirements:



1. Hold your breath under water for 15 seconds.
2. Do ten cycles of rhythmic breathing.
3. Prone float and recover.
4. Prone glide with and without kick.
5. Back glide with and without kick.
6. Survival float for at least 1 minute.
7. Do a crawl stroke or beginner stroke—15 yards.
8. Do an elementary backstroke—15 yards.
9. Jump feet first into deep water, level your body and swim 15 yards, then turn over on your back and return to the starting point.
10. Demonstrate the following safety skills:
 - a. Rescue breathing (artificial respiration)
 - b. The release of a cramp while in the water
 - c. The proper use of personal flotation devices

SWIMMING ADVANCED

Earn the American Red Cross Swimmer Certification, or complete the following requirements:



1. Demonstrate each of the following strokes:
 - a. 50-yard sidestroke, each side
 - b. 50-yard back crawl
 - c. 50-yard breaststroke
 - d. Endurance swim: crawl stroke for 200 yards
2. Demonstrate each of the following entries and dives:
 - a. Surface dives: pike, tuck
 - b. Feet first surface dive
 - c. Long shallow dive
 - d. One-meter board—jumping entry, standing dive
 - e. Stride jump
3. Do a survival float for 5 minutes.
4. Tread water for 5 minutes.
5. Swim 25 feet underwater.
6. Do open turns: front, side, back.

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7. Demonstrate the following safety skills:
 - a. Artificial respiration
 - b. The release of a cramp while in the water
 - c. The proper use of personal flotation devices
 - d. Reaching assists
 - e. Stride jump fully clothed, then remove your shoes and clothing and use your shirt as a personal flotation device for 3 minutes.
 - f. Stride jump fully clothed, then remove your shoes and clothing and use your pants as a personal flotation device for 3 minutes.

TENNIS

1. Read a rule book on tennis.
2. Write a paragraph on the origin of tennis.
3. Define each of the following terms:
 - a. *backhand*
 - b. *forehand*
 - c. *service*
 - d. *volley*
 - e. *ground stroke*
 - f. *passing stroke*
 - g. *lob*
 - h. *love*
 - i. *English*
 - j. *line*
4. Describe the difference between singles tennis and doubles tennis.
5. Memorize three Scripture verses that tell about being a good sport.
6. Play on a junior high or high school tennis team, and earn a letter or certificate of participation as a player or manager.
7. Compete in at least three community tennis matches and place as a competitor.
8. Interview a (preferably) Christian tennis coach about the training, mental preparation, and Christian commitment needed to be a good tennis player.
9. Discuss the proper attitude relationship between sports and your commitment to God.



TOOL CRAFT

1. Ax
 - a. Name the parts of an ax.
 - b. Name the different types of axes.
 - c. Explain the proper way of passing an ax and other safety factors.
 - d. Demonstrate how to sharpen an ax.
 - e. Demonstrate the proper use of a hand ax and a long-handled ax.
 - f. Replace an ax handle.



2. Knife
 - a. Name the parts of a knife.
 - b. Describe five different types of knives and their purpose.
 - c. Explain the safety factors in using and passing a knife.
 - d. Demonstrate how to sharpen a knife.
3. Camp Saw
 - a. Name the parts of a saw.
 - b. Name five types of saws.
 - c. Explain the difference in saw teeth and the purpose for each difference.
 - d. Explain the safety precautions in using a saw.
 - e. Properly sharpen a camp saw.
 - f. Demonstrate your ability in using a camp saw.

TRACK



1. Read a track rule book used in your state's schools.
2. Describe each of the following track events:
 - a. 100-meter dash
 - b. 200-meter dash
 - c. 400-meter dash
 - d. 800-meter dash
 - e. 1,600-meter run
 - f. 3,000-meter run
 - g. 1,600-meter relay
 - h. Running long jump
 - i. Triple jump
 - j. High jump
 - k. Pole vault
 - l. Shot put
 - m. Discus
 - n. Javelin
 - o. Hammer
3. Draw a diagram of a track field, and show its dimensions for all the events mentioned above.
4. List five Scripture verses that talk about track and field.
5. Earn ribbons in eight track meets, or earn a junior high or high school letter or certificate of participation as a track member or team manager.

WATER SAFETY INSTRUCTOR

Earn the Red Cross Water Safety Instructor Certificate.



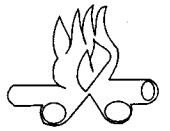
WEATHER

1. Explain the causes of fog, clouds, dew, rain, snow, sleet, and hail.
2. Describe the following clouds: cirrus, stratus, cumulus, nimbus.
3. Explain the causes of the following: rainbows, mirages, northern lights, lightning, and thunder.
4. Demonstrate your ability to read a thermometer, barometer, and rain gauge. Explain the importance of pressure and temperature in determining weather conditions.
5. Keep a daily record of the weather for 2 months. It should include dew or frost, wind direction, temperature, kinds of clouds, rainfall, snowfall (if any), and the time of sunrise and sunset.
6. Explain what precautions should be taken if a tornado or a hurricane is expected. Name the places where the danger of lightning is greatest during a severe thunderstorm.
7. Visit a weather bureau and make a report of your trip.
8. Cite three Scripture references regarding the weather, such as references to rainbows, lightning, and storms.



WILDERNESS SURVIVAL

1. Demonstrate your ability to build a fire without matches.
2. Cook a meal of at least three different items without using cooking utensils.
3. Build an overnight shelter and a ground bed, using native materials, and use them for one night.
4. Demonstrate your ability to construct, from native materials, two of the following items. (Each item must work properly and be usable.)
 - a. A snare for small animals
 - b. A fishhook
 - c. A frog or fish spear
5. Submit a list of 10 edible wild greens and explain how they should be prepared for eating.
6. Submit a list of five edible roots and explain how they should be prepared for eating.
7. Submit a list of 10 types of small animals that may be used for emergency food.
8. With a friend or a group, go on a survival camping trip of at least one day and night. You should build your shelter and bed from native materials, eat only food you have found or caught on the field, and cook your food without the aid of utensils.
9. Place yourself into the following three imaginary situations:
 - a. Being lost in a wooded, mountainous wilderness area
 - b. Being the only survivor of a plane crash in a cold snow-covered area
 - c. Being stranded in a jeep in a hot, desert regionImagine you have only a pocketknife, and 3 days will pass before you are rescued. Make a list of the things you should do in order to survive. This list



- must be realistic and based on survival knowledge and techniques.
10. Know how to give the proper distress signals using fire, smoke, a flashlight, a mirror, a gun, etc. Explain three ways you can find directions on a cloudy day without using a compass.

WILDLIFE



1. Make four field trips to observe wildlife. Keep a record of the trips, listing the dates, places, animals sighted, and types of habitat.
2. Do one of the following:
 - a. Visit a game refuge and make a report of your trip.
 - b. Visit a game farm or fish hatchery and make a report of your trip.
 - c. Make a plaster cast of two sets of animal tracks and display them.
 - d. Photograph two wild animals in their natural habitats.
3. Visit a zoo or museum to observe as many wild animals as possible. Submit a list of these animals.
4. Be able to recognize from photos or drawings at least 30 mammals native to North America.
5. Make a study of four wild animals native to your state. Submit a notebook that includes the following: a photo or drawing of the animal, a sketch of its tracks, the area where it is found, the food it eats, and the value of the animal—such as for food and fur.
6. Recite the conservation pledge and explain what you can do to help protect wildlife.
7. Cite three Scripture references about three different animals.

WINTER CAMPING



1. Explain the advantages and disadvantages of the following shelters: snow trench, A-frame, snow cave, and lean-to.
2. Construct one of the above shelters and sleep in it for two nights during the cold winter months (under adult supervision).
3. Explain what hypothermia is, its symptoms, and the first aid treatment for it.
4. Define *frostbite*. Explain how to treat first-, second-, and third-degree frostbite and how to prevent frostbite.
5. Explain what trench foot is and how to prevent it.
6. Explain what snow blindness is, how to treat it, and how to prevent it.
7. Explain how to give the proper distress signals—using fire, smoke, a flashlight, a mirror, or gunshots—during snowy conditions.
8. Make an emergency survival kit you would carry with you in the family car during a winter trip. List its contents.
9. Demonstrate your ability to light a fire without matches.
10. Explain how to obtain drinking water from snow, ice, a frozen river, and a solar still.

11. Demonstrate your ability to make and set four different small animal snares. List five possible sources of food that can be obtained through the use of a snare.
12. List what clothing you would need for a winter outing. Take into consideration snow, sleet, and rain in a cold winter environment.

WRESTLING

1. Read a wrestling rule book.
2. Read a book on wrestling history.
3. Describe the difference between the following types of wrestling: freestyle, Greco-Roman, and American.
4. Draw diagrams to compare the wrestling area used in high school to that used by professionals.
5. Identify 10 Scripture verses that mention wrestling in the Bible.
6. Earn a letter as a player or team manager in a junior high school or a community wrestling program.
7. Interview a (preferably) Christian wrestling coach regarding the following:
 - a. A winning attitude
 - b. The building of character
 - c. A Christian example
 - d. Physical fitness
 - e. Preparation for the future



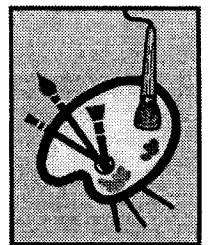
Achievement Badge Requirements

The following achievement badges can be earned by any Ranger once he has achieved Recruit status. These badges can be earned while working on the advancement ratings. Before working on a badge requirement, you must meet

with your commander to determine the specific tasks you must complete. Once earned, the badge can be worn on a Royal Rangers T-shirt, or awards vest. However, the badges are not to be worn on the Royal Rangers uniform.

ARTS

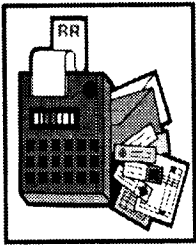
1. Choose one form of the arts that you like—such as playing a musical instrument, public speaking, drama, singing, drawing, writing, sculpting, etc.
2. Perform or display that art at your Rangers group for 4 weeks. (For example, if you enjoy drawing, then display four separate drawings you have drawn for this assignment. If you like to sing, then sing four separate songs to your Rangers group.)
3. Give an oral report on why you enjoy this art form. Explain how you became involved in that art. Tell what is necessary to perform that art skill.





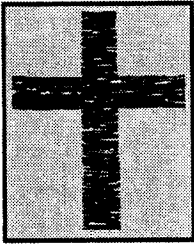
BIBLE

1. Select a book of the Bible you wish to read.
2. Read one chapter (or number of chapters specified by your commander) from that book each week for 4 weeks. Give an oral report on the chapters you have read.



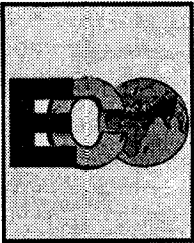
BUDGET

1. Prepare a personal, home, or patrol budget for 3 weeks. (For example, have a parent, guardian, or commander help you plan items you would purchase from a grocery store each week for 3 weeks.)
2. Help a parent, guardian, or commander maintain a budget.
3. Explain to your outpost group how you prepare and keep a budget.



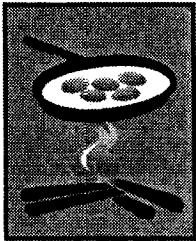
CHURCH

1. Choose four ways you can help around the church—such as cleaning, visitation, ushering, greeting, helping in children's or youth choir, being a commander's helper.
2. For 4 weeks do each of those tasks, one per week.
3. Give an oral report on the importance of being a church worker. Explain the tasks you performed at church and what the experience did for you and others.



CONSERVATION

1. List five ways you can conserve energy and/or natural resources—i.e., turning off a light when not in use, using water sparingly, picking up cans and recycling them, making a fire circle before building a fire.
2. Demonstrate for 3 weeks the five steps you have listed.

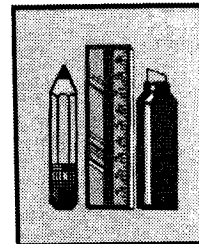


COOKING

1. Explain to your commander how to prepare three meals. The menus must contain a well-balanced meal: a meat, a vegetable, a bread, and a dairy product.
2. Prepare three meals for your family, friends, or patrol members.
3. Give an oral report to your outpost group on cooking methods.

CRAFT

1. Successfully complete three craft projects at home or at the outpost.
2. Display the craft projects in your meeting room.
3. Give an oral report on how you completed the projects.



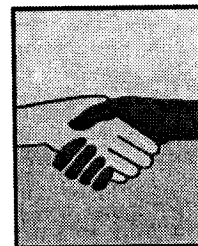
DRILL TEAM

1. Participate in the planning of a team drill.
2. Compete in four drill team competitions in the outpost.
3. Give an oral report on the importance of team work.



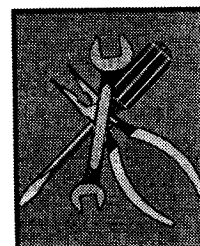
FRIENDSHIP

1. Make friends with three people you do not know. Invite your new friends to church or Royal Rangers.
2. Do an oral report on the importance of friendships.



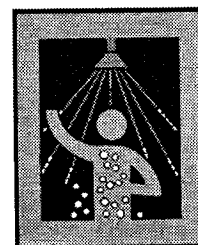
HOME IMPROVEMENT

1. List three chores you will do around the house. Do the chores 4 days a week for 3 weeks.
2. Give an oral report to the outpost group on the chores you have done and what it meant to you to complete this task.



HYGIENE

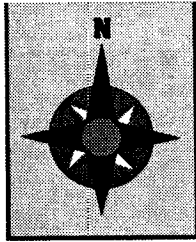
1. List four ways you can maintain good hygiene.
2. Perform the tasks you have listed for 3 weeks.
3. Talk with two persons, other than another Ranger, about why we should keep our bodies and minds healthy.
4. Give an oral report on the importance of good hygiene.





LEADERSHIP

1. Perform some leadership role in your outpost group for 4 weeks.
2. Give an oral report on the importance of leadership and how your role as a leader affected you and those you led.



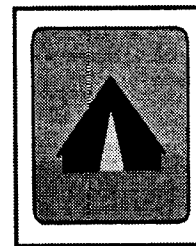
MAP ORIENTATION

1. Draw a map—using proper map codes—from your home to the outpost, from your home to the nearest police station, and from your home to the nearest hospital or emergency clinic.
2. Show how to read a city or state map. Explain to your outpost group how to find directions using a map.



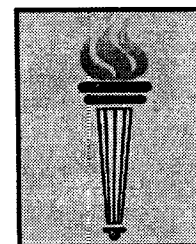
NATURE

1. Draw and identify five plants.
2. Draw and identify five animals or five animal tracks.
3. Go on a hike or a camp-out and collect a leaf, rock, or other such item of nature.
4. Give an oral report on the importance of trees and wildlife, and display the items you collected during your outing.



OUTING

1. Go on two overnight camp-outs or outings with your Royal Rangers group.
2. Give an oral report on your trips, and display something you had collected from each camp-out or outing.



PHYSICAL EDUCATION

1. List three exercises you will do 4 days a week for 4 weeks. (The exercises can be done at school or at home, but they must be the type of exercises you have listed.)
2. Do the exercises you have listed during the number of days listed above.
3. Give an oral report on the importance of physical fitness.

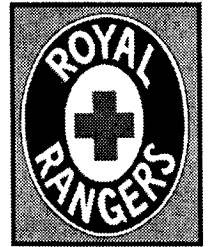


PUBLIC SERVICE

1. Talk with a police officer about what you can do to obey the law.
2. Do a community good deed, such as picking up trash in a city park.
3. Do a good deed for a neighbor.
4. Give an oral report on the importance of being a public servant.

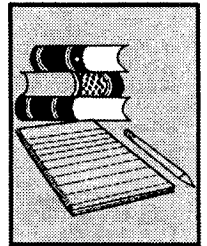
SAFETY

1. Show how to call the police, fire department, or ambulance, using the emergency telephone number in your area.
2. Explain to your commander what to do if each of the following were to happen: fire, tornado, earthquake, robbery, physical abuse, medical emergency. Give an oral report on the importance of safety and how to prevent hazards.



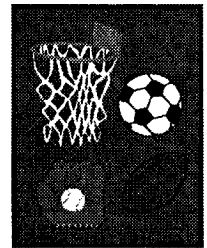
SCHOOL

1. Select a school subject you need to improve on.
2. Meet with your commander to discuss good study habits.
3. Study that subject with a commander or an outpost helper (such as an adult or an older Ranger) at least once each week for 4 weeks.
4. Give an oral report on the importance of learning, and cite one Scripture verse that discusses the word *study*.



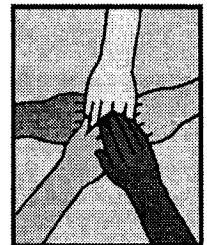
SPORTS

1. Choose a specific sport in which the outpost group participates.
2. Explain the rules regulating that sport.
3. Draw a diagram of the court or field and explain each of its parts.
4. Participate in that sport during four Rangers meetings.
5. Give an oral report on the importance of physical fitness, team effort, and sportsmanship in relation to that sport.



TEAM SPIRIT

1. List four ways to improve team spirit in your patrol or outpost group.
2. Demonstrate these four methods in your patrol or outpost group for 4 weeks. Give an oral report on the need for team spirit in your group.



WITNESSING

1. Invite four boys to Royal Rangers.
2. Explain the salvation message to your commander.
3. Witness to two people.
4. Hand out gospel tracts to five people.

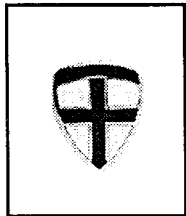


Medal of Valor



The Medal of Valor is given only when a Royal Ranger or a commander has saved the life of a person at the actual risk of his own. The Certificate of Valor is given to any Ranger or commander who saves a life or helps in saving a life but does not actually risk his own life in doing so.

God and Country Program



The God and Country program is designed for boys who wish to earn awards in addition to those in the Royal Rangers program. The purpose is to involve youths in more church-related activities and to help them become more knowledgeable about their church.

There are four awards and four age divisions. Student workbooks and awards can be purchased from Gospel Publishing House.

GOD AND ME AWARD

Ages 6 to 8: Encourages the understanding of how we are made and why, and a child's relationship with God. The requirements are to complete all the work and assignments in the *God and Me Student Workbook*.

GOD AND FAMILY AWARD

Ages 9 and 10: Encourages Christian relations in the home. The requirements are to complete all the work and assignments in the *God and Family Student Workbook*.

GOD AND CHURCH AWARD

Ages 11 to 14: Helps the boys understand their church's structure, objectives, and mission. The requirements are to complete all the work and assignments in the *God and Church Student Workbook*.

GOD AND LIFE AWARD

Ages 15 to 18: Offers boys guidance in making vocational choices and in identifying with their family, church, and country. The requirements are to complete all the work and assignments in the *God and Life Student Workbook*.