CUB \textsc{123} SCOUTS
FOR USE IN MULTI-AGE DENS
HOW TO USE THIS GUIDE

This manual is for use by multi-age Cub Scout dens that have already completed the Year 1 manual and are authorized by their local council. This program is developed to provide a Cub Scouting program in areas where, based on extenuating circumstances, a traditional delivery model is not possible. If your den has not completed Year 1, please do so before starting this.

By following the den meeting plans in this booklet, Cub Scouts of any age will complete the requirements for their Bear badge.

* The exercises in the pamphlet entitled *How to Protect Your Child from Child Abuse: A Parent’s Guide* may be completed by the Scout with his parent, guardian, or other caring adult (including a den leader). The Cyber Chip portion of this requirement may be waived if the Scout does not have access to the internet.

Refer to the *Bear Handbook* for further information about each advancement activity. Using the handbook and with some preparation in advance, Scouts will have a robust program that is consistent with that of single-age Cub Scout dens. This program differs from the single-age program in that it allows Scouts of a variety of ages, and with somewhat limited resources, to complete it. This program, like the single-age program, leads to each Scout’s advancement and character development.

Recognizing the Scouts’ accomplishments is an important part of Cub Scouting. Consider presenting each Scout with their adventure belt loop at the conclusion of each meeting where an adventure is completed. Make the presentation of the Bear badge a special event for the Scouts.

By following these meeting plans, the Bear badge will be earned at the conclusion of Meeting 11 and the Scouts will be recognized for their achievements at Meeting 12. The remaining meeting plans can be used to fill your program year with handbook activities.

If any of the Scouts are new to Cub Scouting this year, they are to complete the Bobcat badge requirements prior to work on the Bear requirements.
HELPFUL HINTS FOR THOSE LEADING A DEN MEETING:

• In each den meeting plan in this booklet, you will see a section entitled “Preparation and Materials Needed.” Far in advance of each meeting, review this section and complete the preparation.

• Refer to each adventure in the Bear Handbook for important information about the advancement activities in each meeting.

• Arrive early at each den meeting to prepare and set up. The tone you set at the first meeting will determine, to a large extent, the success of your year. Be completely organized prior to the start of the meeting.

• Wear your adult uniform.

• Ask your assistant den leader, co-leader, or other adult leader to arrive at least 15 minutes before the start time of the meeting. He or she can help you with final preparations before the Scouts arrive.

• Remind the Scouts what the behavioral expectations are and what the consequences will be. Be friendly but firm with the Scouts.

• Having a snack at a den meeting is optional. If you choose to have a snack, plan the time for it so that the meeting does not extend past the scheduled ending time. Be sure to ask parents and guardians about any food allergies their Scout has.

• You may wish to designate one Scout as the denner at each meeting. To give each Scout an equal opportunity for this experience, rotate the Scouts alphabetically. If you started at the beginning of the alphabet last year, start at the end of the alphabet this year to reverse the order. The denner is the “special person” at each meeting, carries the U.S. flag for the flag ceremony, and acts as a leader for that meeting’s activities. Denner cords may be worn on the uniform when it is a Scout’s turn to serve as denner.

• You may wish to distribute a parent information letter at the conclusion of each meeting. The letter informs parents what was completed at each meeting and provides information on upcoming den and pack meetings and activities. Parents appreciate good communication. Prepare the letter prior to each meeting.

• Complete Youth Protection training and renew it every two years.
MEETING 1

ADVANCEMENT TO BE COMPLETED

- Bobcat Badge for any Scout who has not yet completed it
- Experienced Scouts are to assist the new Scout(s) with completing the Bobcat requirements.
- If there are no new Scouts in the den, skip this meeting and begin with Meeting 2.

PREPARATION AND MATERIALS NEEDED

- *Bear Handbook* for each Scout
- Copies of the Scout Oath and Scout Law if not everyone has a handbook
- U.S. flag
- Flag stand (optional)
- Den flag and stand (optional)
- Parent information letter (as described on page 3; optional)

OPENING CEREMONY

FLAG CEREMONY. Choose the last Scout alphabetically to be your denner and carry the U.S. flag. The second to last Scout will be the denner for the next meeting and will carry the den flag today, if you choose to have a den flag. The next two Scouts in reverse alphabetical order are the color guards. (At subsequent meetings, rotate the Scouts accordingly.) The remaining Scouts in the den and all adults form a reviewing line that the color guard passes on the way to the flag stands. The den leader can call the flag ceremony (see below) at the first few meetings until the Scouts learn how to do so. After the flags are posted, have all recite the Pledge of Allegiance and then read the Scout Oath and Scout Law from the backs of the handbooks or a separate sheet.

- “Color guard, advance.”—Scouts walk in unison with the flag(s) to the front of the room.
- “Color guard, post the colors.”—Scouts place the flag(s) in the flag stand(s).
- Say the Pledge of Allegiance.
- Say the Scout Oath and Scout Law.
- “Color guard, dismissed.”—Scouts leading the flag ceremony join the other meeting participants, and the meeting begins.
ADVANCEMENT ACTIVITIES

• Work with the Scouts who have not yet completed Bobcat requirements 1–6 (see the Bear Handbook).

• Remind the Scouts and their parents to complete Bobcat requirement 7 at home if it is not completed in this meeting.

CLOSING

• Clean up.

• Thank the parents and guardians who attended.

• Hand out the parent information letter (optional).
MEETING 2

ADVANCEMENT TO BE COMPLETED

Bear Claws adventure

PREPARATION AND MATERIALS NEEDED

• Have enough pocketknives for each Scout to use one. They may need to share. Each pocketknife should include a can-opener tool and a screwdriver tool.

• Have an 18-inch length of rope that is thin in diameter—or the same length of twine or fishing line—for each Scout.

• Obtain a cardboard box and appropriate tape to seal it. The same box can be sealed and resealed as each Scout takes a turn opening it.

• A sharpening stone

• Cans that can be opened with the can-opener tool on the pocketknives

• An object with screws that can be removed with the screwdriver tool on the pocketknives

• Letters for each Scout to open with a pocketknife (junk mail may also be used for this)

• Parent information letter (see page 2; optional)
OPENING CEREMONY

• Flag ceremony (see Meeting 1)
• This time, the second to last Scout alphabetically will carry the U.S. flag.

ADVANCEMENT ACTIVITIES

• Teach the Scouts about the three common designs of pocketknives.
• Teach the Scouts about knife safety and help each of them earn the Whittling Chip.
• Teach the Scouts to safely perform each of these tasks using a pocketknife:
  —Cut a piece of rope, twine, or fishing line.
  —Open a sealed box without damaging the contents.
  —Open a can with the knife's can-opener tool.
  —Remove and replace the screws on an object with the knife’s screwdriver tool.
  —Open a letter.

CLOSING

• Clean up.
• Thank the parents and guardians who attended.
• Hand out the parent information letter (optional).
MEETING 3

ADVANCEMENT TO BE COMPLETED

Bear Necessities adventure (partial)

PREPARATION AND MATERIALS NEEDED

• Bear Handbook for each Scout

• Copies of the Scout Oath and Scout Law if not everyone has a handbook

• U.S. flag

• Flag stand (optional)

• Den flag and stand (optional)

• Plan an outdoor activity of some kind. This could be a hike or a walk where signs of nature can be observed and the Scouts can gain an appreciation for the out-of-doors.

• Bring pencils and paper to make a list with the Scouts of items to take along on the activity. The list should include personal gear and any equipment for the group.

• Obtain a tent that can be set up indoors or outdoors.

• Have an 18-inch length of rope for each Scout, \( \frac{1}{8} \)-inch or \( \frac{1}{4} \)-inch in thickness.

• Parent information letter (see page 2; optional)
OPENING CEREMONY

• Flag ceremony (see Meeting 1)

• This time, the third to last Scout alphabetically will carry the U.S. flag.

ADVANCEMENT ACTIVITIES

• With the Scouts, plan an outdoor activity to take place during their next meeting.

• Have the Scouts make a list of personal items to bring on the activity. Remind each Scout to wear and bring clothing and gear appropriate for the weather. Items may include a filled water bottle and a snack or a bag lunch. If it will be difficult for Scouts to bring a bag lunch, you might want to plan the activity for a time of day when a meal is not needed.

• In addition to each Scout’s personal gear, have the Scouts make a list of equipment that should be brought along for the group.

• Work with the Scouts as they set up a tent. This can be done indoors or outdoors, depending on availability of space. If a suitable outdoor space can be found, have the Scouts decide where and have them explain why they selected that space. If no such space is available, have them explain what a suitable outdoor tent space would be.

• Teach the Scouts how to tie two half-hitches, and then have each Scout demonstrate how to tie the knots. Have them explain what the knots are used for.

CLOSING

• Clean up.

• Hand out the parent information letter (optional).

• Thank the parents and guardians who attended, and invite them to participate in the outdoor activity at the next meeting.
MEETING 4

ADVANCEMENT TO BE COMPLETED

Bear Necessities adventure

PREPARATION AND MATERIALS NEEDED

• Make arrangements for your outdoor activity. Invite the parents and guardians to participate.
• Remind the Scouts to bring the items on their list of personal gear, including clothing appropriate for the weather.
• Arrange to bring the group equipment that was selected.
• Parent information letter (see page 2; optional)

ADVANCEMENT ACTIVITIES

• Conduct the outdoor activity with the den.

CLOSING

• Thank the parents and guardians who participated.
• Hand out the parent information letter (optional).
MEETING 5

ADVANCEMENT TO BE COMPLETED
Fellowship and Duty to God adventure

PREPARATION AND MATERIALS NEEDED

- *Bear Handbook* for each Scout
- Copies of the Scout Oath and Scout Law if not everyone has a handbook
- U.S. flag
- Flag stand (optional)
- Den flag and stand (optional)
- Prepare to discuss what it means to do your duty to God and how it is done in daily life.
- Prepare to discuss a person whose faith you admire.
- Have a pencil and paper for each Scout.
- Parent information letter (see page 2; optional)

OPENING CEREMONY

- Flag ceremony (see Meeting 1)
- This time, the fourth to last Scout alphabetically will carry the U.S. flag.

ADVANCEMENT ACTIVITIES

- Discuss with the Scouts what it means to do your duty to God. Have them tell how they do their duty to God in their daily lives.
- Ask each Scout to identify a person whose faith they admire, and discuss with the den.
- Have each Scout make a list of things they can do to practice duty to God as they are taught in their home, place of worship, or spiritual community. Ask each Scout to select two actions from their list that they will practice for two weeks.

CLOSING

- Clean up.
- Hand out the parent information letter (optional).
- Thank the parents and guardians who attended, and invite them to participate in the hike or walk that will take place in Meeting 6.
MEETING 6
ADVANCEMENT TO BE COMPLETED
Fur, Feathers, and Ferns adventure

PREPARATION AND MATERIALS NEEDED

• Make preparations for a one-mile hike or walk during which the Scouts will identify signs that any mammals, birds, insects, reptiles, or plants are living nearby.

• Invite the parents and guardians to join you.

• Remind the participants to dress appropriately for the hike or walk.

• Prepare to teach the Scouts about one animal that has become extinct in the last 100 years and one animal that is currently endangered. Be prepared to explain their declines.

• Prepare to teach the Scouts about composting and how vegetable waste can be turned into fertilizer for plants.

• Bring at least one magnifying glass.

• Parent information letter (see page 2; optional)

ADVANCEMENT ACTIVITIES

• While hiking or walking with the Scouts for one mile, help them identify six signs that any mammals, birds, insects, reptiles, or plants are living near the place where you choose to hike or walk.

• Ask the Scouts to name one animal that has become extinct in the last 100 years and one animal that is currently endangered. Ask the Scouts to explain their declines.

• Have the Scouts use a magnifying glass to examine plants more closely. Have them describe what they saw through the magnifying glass that they could not see without it.

• Help the Scouts learn about composting and how vegetable waste can be turned into fertilizer for plants.

CLOSING

• Remind each Scout to continue doing the two actions that were selected at last week’s meeting, which will enable them to practice their duty to God as they are taught in their home, place of worship, or spiritual community.

• Thank any parents and guardians who participated.

• Hand out the parent information letter (optional).
MEETING 7

ADVANCEMENT TO BE COMPLETED
Paws for Action (Duty to Country) adventure (partial)

PREPARATION AND MATERIALS NEEDED

• Bear Handbook for each Scout
• Copies of the Scout Oath and Scout Law if not everyone has a handbook
• U.S. flag
• Flag stand (optional)
• Den flag and stand (optional)
• Paper and crayons or washable markers for each Scout to draw a U.S. flag that they will display at home
• Information about two famous Americans
• Parent information letter (see page 2, optional)

OPENING CEREMONY

• Flag ceremony (see Meeting 1)
• Continue to rotate the Scouts who will carry the U.S. flag.

ADVANCEMENT ACTIVITIES

• Help the Scouts learn about our nation’s flag (see page 109 of the Bear Handbook). Discuss the meaning of the Pledge of Allegiance.
• Using the paper and crayons or markers, have each Scout draw the U.S. flag and write their name on the back. Ask the Scouts to display their flags at home for one month.
• Discuss two famous Americans. Have each Scout share what was learned.
• Make plans for a cleanup project that benefits your community.

CLOSING

• Clean up.
• Remind the Scouts to display the U.S. flag they drew at home for one month.
• Hand out the parent information letter (optional).
• Invite parents and guardians to participate in the cleanup project that will take place during the next meeting.
MEETING 8

ADVANCEMENT TO BE COMPLETED

Paws for Action (Duty to Country) adventure

PREPARATION AND MATERIALS NEEDED

- Make arrangements for a cleanup project that benefits your community. This can be at or near your meeting place or somewhere else in the community. Obtain any necessary approvals from community leaders and/or authorities. Invite community leaders to join you.
- Depending on the type of project, arrange for any supplies or equipment needed. These might include:
  - Work gloves
  - Large plastic bags or paper yard waste bags
- Invite parents and guardians to join you.
- Remind the participants to dress appropriately for the weather and for the project.

ADVANCEMENT ACTIVITIES

- Do a cleanup project that benefits your community.

CLOSING

- Thank the parents and guardians as well as any community leaders who joined you.
- Remind the Scouts to continue displaying their U.S. flag at home.
MEETING 9
ADVANCEMENT TO BE COMPLETED

Baloo the Builder adventure (partial)

PREPARATION AND MATERIALS NEEDED

• Bear Handbook for each Scout

• Copies of the Scout Oath and Scout Law if not everyone has a handbook

• U.S. flag

• Flag stand (optional)

• Den flag and stand (optional)

• If your meeting place is not suitable for doing a project that involves paint, find a different location.

• Safety glasses for each Scout and each adult

• Four hand tools, one of which should be a brace and bit. Be prepared to explain what each tool is used for and show how it is used. Note: Cub Scouts are not allowed to use power tools.

• Materials for each Scout to make a tic-tac-toe board
  —A block of wood for each Scout (4 inches long and 1 inch in diameter)
  —Pencils and rulers to mark where the holes are to be drilled on each block of wood
  —Several braces and bits to drill holes
  —10 golf tees for each Scout
  —Two colors of paint for the golf tees (one color for "X" and another color for "O")
  —Small paint brushes, sponge brushes, or cotton swabs to paint the golf tees
  —Fine-grade sandpaper
  —Smocks or old large T-shirts for each Scout to wear over their clothing to protect it while painting

• Old newspaper or something else to protect the work surface where the Scouts will be painting

• Parent information letter (see page 2, optional)
**OPENING CEREMONY**

- Flag ceremony (see Meeting 1)
- Continue to rotate the Scouts who will carry the U.S. flag.

**ADVANCEMENT ACTIVITIES**

- After covering the work surface to protect it from paint, have the Scouts put on their smocks or old T-shirts over their clothes.
- Put a small amount of each paint color into small, separate paper or plastic cups. Scouts may be able to share their paint.
- Have the Scouts paint five of their golf tees one color and paint five tees the other color.
- Arrange the painted tees on old newspaper to dry through the rest of the meeting (and perhaps longer). A hair dryer can be used to speed the drying.
- The Scouts may need to wash their hands before continuing with the meeting.
- Discuss with the Scouts which hand tools are best to have in your toolbox. Teach the rules for using these tools safely. Then have the Scouts practice with at least four of the tools before beginning a project. Have them wear safety glasses when they are near any tools in use.
- Help the Scouts select, plan, and define the materials for the project they will complete—a tic-tac-toe board.

**CLOSING**

- Clean up. Leaders should collect the painted golf tees, put them into separate plastic bags by color, and save them for the next meeting.
- Thanks any parents and guardians who attended.
- Hand out the parent information letter (optional).
- Remind the Scouts to continue displaying their American flag at home.
MEETING 10

ADVANCEMENT TO BE COMPLETED

Baloo the Builder adventure (partial)

PREPARATION AND MATERIALS NEEDED

• Bear Handbook for each Scout
• Copies of the Scout Oath and Scout Law if not everyone has a handbook
• U.S. flag
• Flag stand (optional)
• Den flag and stand (optional)
• If your meeting place is not suitable for doing a project that involves paint, find a different location.
• Safety glasses for each Scout and each adult
• Materials for each Scout to make a tic-tac-toe board (same materials as the last meeting)
  — A block of wood for each Scout (4 inches long and 1 inch in diameter)
  — Pencils and rulers to mark where the holes are to be drilled on each block of wood
  — Several braces and bits to drill hole. Note: Cub Scouts are not allowed to use power tools.
  — The 10 golf tees that were painted by each Scout at the last meeting
  — Fine-grade sandpaper
  — Lacquer, paint, or other material to apply a finish to the boards
• If one or more of the Scouts was absent from the last meeting and needs to paint their golf tees, bring the needed materials: two colors of paint (one color for “X” and another color for “O”); small paint brushes, sponge brushes, or cotton swabs; small paper or plastic cups for the paint; smocks or old large T-shirts; old newspaper or something else to protect the work surface during the painting.
• Parent information letter (see page 2; optional)
OPENING CEREMONY

• Flag ceremony (see Meeting 1)
• Continue to rotate the Scouts who will carry the U.S. flag.

ADVANCEMENT ACTIVITIES

• Have each Scout write their name on the back side of their tic-tac-toe board.
• Help the Scouts put on their safety glasses and assemble their materials.
• The Scouts will use a ruler and pencil to measure and mark where each hole is to be drilled on the board. Provide assistance to them, if needed.
• Assist the Scouts as they use braces and bits to drill the holes into each board. The holes will need to be large enough to fit the painted golf tees.
• Scouts who have finished the steps above can begin lightly sanding their boards, using the sandpaper.

CLOSING

• Clean up. Leaders should save the golf tees and collect the boards for the next meeting.
• Thank any parents and guardians who attended.
• Hand out the parent information letter (optional).
• Remind the Scouts to continue displaying their U.S. flag at home.
MEETING 11

ADVANCEMENT TO BE COMPLETED

Baloo the Builder adventure

PREPARATION AND MATERIALS NEEDED

• *Bear Handbook* for each Scout
• Copies of the Scout Oath and Scout Law if not everyone has a handbook
• U.S. flag
• Flag stand (optional)
• Den flag and stand (optional)
• If your meeting place is not suitable for doing a project that involves paint, find a different location.
• Safety glasses for each Scout and each adult
• Materials for Scouts to complete their tic-tac-toe boards (same materials as the last meeting):
  — The blocks of wood with the holes drilled
  — The painted golf tees
  — Fine-grade sandpaper
  — Lacquer, paint, or other material to apply a finish to the boards
  — One smock or old, large T-shirt for each Scout
• One hair dryer
• For each Scout, a plastic ziplock bag labeled with their name, large enough to contain the board and golf tees
• Parent information letter (see page 2; optional)
OPENING CEREMONY

• Flag ceremony (see Meeting 1)
• Continue to rotate the Scouts who will carry the U.S. flag.

ADVANCEMENT ACTIVITIES

• Check the names on each block of wood and hand them out to the Scouts.
• Have each Scout lightly sand their block.
• Protect the work surface and have the Scouts again put the smocks or T-shirts on over their clothing. Then have each Scout apply paint, lacquer, or some other finish to their board.
• Allow time for the finish to dry. The hair dryer can be used to speed the drying.

CLOSING

• Clean up.
• Hand out the parent information letter (optional).
• Thank any parents and guardians who attended, and invite them to the Bear badge ceremony at the next meeting.
• If the boards are dry, have each Scout put their board and golf tees in a plastic bag to take home. If the boards are not dry, the leaders will need to collect them and store them appropriately until the next meeting.
NOW THAT YOU HAVE COMPLETED ALL THE ADVENTURES IN MEETINGS 1-11, THE SCOUTS IN YOUR DEN HAVE EARNED THEIR BEAR BADGE.
MEETING 12
CELEBRATION OF COMPLETING BEAR

PREPARATION AND MATERIALS NEEDED

• Invite parents and guardians to attend this meeting.
• Consider the need for a larger room for this meeting with appropriate seating for adults.
• Consider inviting community leaders who supported the den’s cleanup project in Meeting 8.
• Prepare an appropriate ceremony for presenting the Bear badge to each Scout.
• *Bear Handbook* for each Scout
• Copies of the Scout Oath and Scout Law if not everyone has a handbook
• U.S. flag
• Flag stand (optional)
• Den flag and stand (optional)
• Refreshments to be served after the program (optional)
• Parent information letter (optional)

OPENING CEREMONY

• Flag ceremony (see Meeting 1)
• Continue to rotate the Scouts who will carry the U.S. flag.

ACTIVITIES

• Conduct a ceremony for awarding the Bear badge to each Scout.
• Serve refreshments (optional).

CLOSING

• Clean up.
• Thank the parents and guardians for attending.
• Hand out the parent information letter (optional).
MEETING 13

ADVANCEMENT TO BE COMPLETED

A Bear Goes Fishing adventure

PREPARATION AND MATERIALS NEEDED

• Bear Handbook for each Scout
• Copies of the Scout Oath and Scout Law if not everyone has a handbook
• U.S. flag
• Flag stand (optional)
• Den flag and stand (optional)
• Drawing paper and crayons or markers
• Writing paper and pencils
• Materials for each Scout to make a simple fishing pole
  —A sturdy stick, 4- to 5-feet long
  —Fishing line
  —Scissors
  —A fishing hook
• Be prepared to discuss three types of fish in your area, including the habitat for each type and what that fish likes to eat.
• Be prepared to discuss local fishing regulations and why they exist.
• Parent information letter (see page 2; optional)
OPENING CEREMONY

• Flag ceremony (see Meeting 1)
• Continue to rotate the Scouts who will carry the U.S. flag.

ADVANCEMENT ACTIVITIES

• Help the Scouts discover and learn about three types of fish in your area. Draw a picture of each fish, record what it likes to eat, and describe the habitat for each fish.

• Help the Scouts learn about your local fishing regulations. Have them list three of the regulations and one reason that each regulation exists.

• Help the Scouts to learn about fishing equipment and make a simple fishing pole. Have them practice casting at a target.

CLOSING

• Clean up.
• Thank the parents and guardians who attended.
• Hand out the parent information letter (optional).
MEETING 14

ADVANCEMENT TO BE COMPLETED

Critter Care adventure

PREPARATION AND MATERIALS NEEDED

• *Bear Handbook* for each Scout
• Copies of the Scout Oath and Scout Law if not everyone has a handbook
• U.S. flag
• Flag stand (optional)
• Den flag and stand (optional)
• Paper or poster board, and materials for each Scout to make a poster about their pet or a pet they would like to own
• Be prepared to discuss careers involving the care of animals, including the education, training, and experience required.
• Parent information letter (see page 2; optional)

OPENING CEREMONY

• Flag ceremony (see Meeting 1)
• Continue to rotate the Scouts who will carry the U.S. flag.

ADVANCEMENT ACTIVITIES

• Complete one of the following:
  – For the Scouts who have a pet, have them make a list of tasks they did to take care of their pet for two weeks.
  – For the Scouts who do not have a pet, help them research one that they would like to have and prepare a report about the care it needs.
• Have the Scouts make a poster about their pet or a pet they would like to own. Have each Scout share their poster with the den.
• Help the Scouts learn about careers that involve the care of animals, including the education, training, and experience required.

CLOSING

• Clean up.
• Thank the parents and guardians who attended.
• Hand out the parent information letter (optional).
MEETING 15

ADVANCEMENT TO BE COMPLETED

Forensics adventure

PREPARATION AND MATERIALS NEEDED

• *Bear Handbook* for each Scout
• Copies of the Scout Oath and Scout Law if not everyone has a handbook
• U.S. flag
• Flag stand (optional)
• Den flag and stand (optional)
• Be prepared to discuss forensics and how it is used to help solve crimes
• Have equipment for the Scouts to take their fingerprints. Be prepared to help them understand how to analyze the fingerprints.
• Equipment for a chromatography investigation
  —Disposable coffee filters
  —Several nonpermanent felt-tip markers of different brands
  —A glass of water
  —Scissors
  —Newsprint
• Be prepared to discuss how animals are used to gather important evidence.
• Parent information letter (see page 2; optional)
**OPENING CEREMONY**

- Flag ceremony (see Meeting 1)
- Continue to rotate the Scouts who will carry the U.S. flag.

**ADVANCEMENT ACTIVITIES**

- Discuss forensics with the den and how it is used to help solve crimes.
- Take each Scout's fingerprints and help them learn how to analyze the prints.
- Help the Scouts learn about chromatography and how it is used in solving crimes. With the Scouts, do an investigation using different types of black, felt-tip markers. Share the results with the whole den.
- Help the Scouts learn how animals are used to gather important evidence.

**CLOSING**

- Clean up.
- Thank the parents and guardians who attended.
- Hand out the parent information letter (optional).
MEETING 16

ADVANCEMENT TO BE COMPLETED

Make It Move adventure (partial)

PREPARATION AND MATERIALS NEEDED

• Bear Handbook for each Scout
• Copies of the Scout Oath and Scout Law if not everyone has a handbook
• U.S. flag
• Flag stand (optional)
• Den flag and stand (optional)
• Have craft sticks to make an “exploding” craft stick reaction. For the best effect, a large number of sticks will be needed (see pages 200–203 of the Bear Handbook).
• Parent information letter (see page 2; optional)

OPENING CEREMONY

• Flag ceremony (see Meeting 1)
• Continue to rotate the Scouts who will carry the U.S. flag.

ADVANCEMENT ACTIVITIES

• Create an "exploding" craft stick reaction. Depending on the number of Scouts in your den, you may want to pair the Scouts and have each pair set up their own stick reaction. This activity can be repeated.

CLOSING

• Clean up.
• Thank the parents and guardians who attended.
• Hand out the parent information letter (optional).
MEETING 17

ADVANCEMENT TO BE COMPLETED
Make It Move adventure

PREPARATION AND MATERIALS NEEDED

• Bear Handbook for each Scout
• Copies of the Scout Oath and Scout Law if not everyone has a handbook
• U.S. flag
• Flag stand (optional)
• Den flag and stand (optional)
• Have equipment for making two simple pulleys (see pages 204–206 of the Bear Handbook).
• Spool and wooden paint stirrer
• Drawing paper and crayons or markers
• Parent information letter (see page 2; optional)

OPENING CEREMONY

• Flag ceremony (see Meeting 1)
• Continue to rotate the Scouts who will carry the U.S. flag.

ADVANCEMENT ACTIVITIES

• Help the Scouts make two simple pulleys, and use them to move objects.
• Help the Scouts make a lever by creating a seesaw using a spool and wooden paint stirrer. Help them explore the way the lever balances by placing different objects on each end.
• Have the Scouts draw a Rube Goldberg–type machine. Have them include at least six steps to complete the action.

CLOSING

• Clean up.
• Thank the parents and guardians who attended.
• Hand out the parent information letter (optional).
MEETING 18

ADVANCEMENT TO BE COMPLETED

Marble Madness adventure

PREPARATION AND MATERIALS NEEDED

• *Bear Handbook* for each Scout
• Copies of the Scout Oath and Scout Law if not everyone has a handbook
• U.S. flag
• Flag stand (optional)
• Den flag and stand (optional)
• Marbles
• Be prepared to discuss the history of marbles, such as where and when the game began.
• Be prepared to discuss three different marble games and teach the Scouts how to play one of them.
• Parent information letter (see page 2, optional)

OPENING CEREMONY

• Flag ceremony (see Meeting 1)
• Continue to rotate the Scouts who will carry the U.S. flag.

ADVANCEMENT ACTIVITIES

• Discuss with the den the history of marbles, such as where and when the game began. Talk about the different sizes of marbles and what they are made of and used for.
• Help the Scouts learn about three different marble games and how to play one of them. Help them learn how to keep score. Help them learn and follow the rules of the game, and then have the den play a game.
• Help the Scouts learn four or five words that are used when talking about marbles. Have them tell what each of the words means and how it relates to playing marbles.
• Have the den make a marble obstacle course or marble golf course. Invite everyone to go through the course.

CLOSING

• Clean up.
• Thank the parents and guardians who attended.
• Hand out the parent information letter (optional).
MEETING 19

ADVANCEMENT TO BE COMPLETED
Roaring Laughter adventure

PREPARATION AND MATERIALS NEEDED

- *Bear Handbook* for each Scout
- Copies of the Scout Oath and Scout Law if not everyone has a handbook
- U.S. flag
- Flag stand (optional)
- Den flag and stand (optional)
- Writing pencils and paper
- A tongue twister for each Scout to read
- Select some appropriate jokes that Scouts can share with the den to make each other laugh (*see Scout Life* magazine for examples).
- Parent information letter (*see page 2; optional*)

OPENING CEREMONY

- Flag ceremony (*see Meeting 1*)
- Continue to rotate the Scouts who will carry the U.S. flag.

ADVANCEMENT ACTIVITIES

- Help the Scouts think about what makes them laugh. Have them write down three things that make them laugh.
- Have the Scouts practice reading tongue twisters.
- Have some of the Scouts create their own short story, and then have them remove a lot of the nouns, verbs, adjectives, and adverbs from the story, leaving blanks. Without telling the story, have the other Scouts choose nouns, verbs, adjectives, and adverbs to fill in the blanks. Then have someone read the finished story aloud.
- Have each Scout share at least two jokes with other members of the den to make them laugh.

CLOSING

- Clean up.
- Thank the parents and guardians who attended.
- Hand out the parent information letter (optional).
MEETING 20
ADVANCEMENT TO BE COMPLETED

Robotics adventure

PREPARATION AND MATERIALS NEEDED

• *Bear Handbook* for each Scout
• Copies of the Scout Oath and Scout Law if not everyone has a handbook
• U.S. flag
• Flag stand (optional)
• Den flag and stand (optional)
• Materials and tools for making a robot hand
  – Narrow rubber bands
  – Drinking straws
  – Stiff cardboard
  – Tape
  – Scissors
  – Nylon cord
  – Ruler
  – Pen
• Parent information letter (see page 2; optional)
**OPENING CEREMONY**

・ Flag ceremony (see Meeting 1)
・ Continue to rotate the Scouts who will carry the U.S. flag.

**ADVANCEMENT ACTIVITIES**

・ Help the Scouts identify six tasks performed by robots.
・ Help the Scouts learn about some instances where a robot could be used in place of a human for work. Help them research one robot that does this type of work, and discuss it with the den.
・ Help the Scouts build a robot hand (see pages 243–247 in the *Bear Handbook*). Show how it works like a human hand and how it is different from a human hand.

**CLOSING**

・ Clean up.
・ Thank the parents and guardians who attended, and invite them to participate in the visit to a local swimming pool or swimming area that will take place at the next meeting.
・ Hand out the parent information letter (optional).
MEETING 21

ADVANCEMENT TO BE COMPLETED
Salmon Run adventure

PREPARATION AND MATERIALS NEEDED

• Be prepared to discuss the importance of response personnel or lifeguards in a swimming area, and to tell how the buddy system works and why it is important.

• Be prepared to discuss the safety rules that need to be followed before participating in boating.

• If available, try to make arrangements to visit a local swimming pool or swimming area with the den. If you do, inform the parents so that the Scouts can bring their swimming suits and towels. Invite the parents and guardians to attend.

• Parent information letter (see page 2; optional)

ADVANCEMENT ACTIVITIES

• If possible, visit a local pool or swimming area with the den. Have the Scouts go swimming.

• Help the Scouts explain the importance of response personnel or lifeguards in a swimming area. Have them tell how the buddy system works and why it is important.

• Have the Scouts explain the safety rules that need to be followed before participating in boating.

• Have the Scouts identify the safety equipment needed when going boating.

• Have the Scouts name the three swimming ability groups for the Boy Scouts of America.

CLOSING

• If you visited a local pool or swimming area, thank the parents and guardians who attended.

• Hand out the parent information letter (optional).
MEETING 22

ADVANCEMENT TO BE COMPLETED

Super Science adventure

PREPARATION AND MATERIALS NEEDED

• If your meeting place is not suitable for conducting science investigations using water, find a location that will work as a substitute.

• *Bear Handbook* for each Scout

• Copies of the Scout Oath and Scout Law if not everyone has a handbook

• U.S. flag

• Flag stand (optional)

• Den flag and stand (optional)

• Materials for advancement activities
  — Balloons or a plastic or rubber comb
  — Ping-pong ball
  — Two aluminum cans, one empty and one full
  — Large glass jar
  — Water to fill the jar half way
  — Measuring cup
  — Spoon
  — Two tablespoons of cooking oil
  — Red, blue, and yellow liquid food coloring
  — Sugar
  — Six clear cups

• Parent information letter (see page 2; optional)
ADVANCEMENT ACTIVITIES

• Help the Scouts to make static electricity by rubbing a balloon or a plastic or rubber comb against material such as a fleece blanket or wool sweater. Have them explain what they learned.

• Have the Scouts conduct one additional static electricity investigation. Have them explain what they learned.

• Have the Scouts do a color-morphing investigation and explain what they learned.

• Have the Scouts do a color-layering investigation and explain what they learned.

CLOSING

• Clean up.

• Thank the parents and guardians who attended.

• Hand out the parent information letter (optional).
MEETING 23

ADVANCEMENT TO BE COMPLETED

A World of Sound adventure

PREPARATION AND MATERIALS NEEDED

- Bear Handbook for each Scout
- Copies of the Scout Oath and Scout Law if not everyone has a handbook
- U.S. flag
- Flag stand (optional)
- Den flag and stand (optional)
- Materials to make a rain stick
  - One cardboard mailing tube for each Scout
  - Tape to seal the ends of the tubes
  - Crayons, markers, and other art supplies
  - Packing tape
  - Thin wire
  - Four or five chenille stems for each Scout
  - A variety of small objects such as beans, dry macaroni, small beads, uncooked rice, pebbles
- Parent information letter (see page 2; optional)

ADVANCEMENT ACTIVITIES

- Make a rain stick (see pages 287–289 of the Bear Handbook).

CLOSING

- Clean up.
- Thank the parents and guardians who attended, and invite them to attend the end-of-year celebration at the next meeting.
- Hand out the parent information letter (optional).
MEETING 24
CELEBRATION OF A SUCCESSFUL SCOUTING YEAR.

PREPARATION AND MATERIALS NEEDED

• Invite parents and guardians to attend this meeting.
• Consider the need for a larger room with appropriate seating for adults.
• Consider inviting community leaders to the celebration.
• Refreshments (optional)

ACTIVITIES

• Thank the parents/guardians/community leaders in attendance.
• Congratulate the Scouts on their accomplishments.
• Have each Scout come forward and tell everyone what they most enjoyed about Cub Scouting this year.
• Inform the Scouts and their parents or guardians of plans for next year.
• Serve refreshments (optional).

CLOSING

• Clean up.