

Totin' Chip Training

The following information is to be used to help scout leaders teach scouts about

the Totin' chip. The following is only an outline and is not complete.

This outline is

intended to be used for two 30-minute sessions.

Objectives - By the end of these sessions you should be able to name the parts of the ax, pass the ax correctly, know how to setup the ax yard correctly, use a knife and take care of it and use a saw.

Location - To be done outside if possible

Materials - ax, hatchet, sheath, rope, knives, saw, file, sharpening stone.

1. Parts of the ax - see diagram.

2. Passing - Questions:

Who knows the correct way to hold an ax? (Hold the ax incorrectly and ask the scouts if it is the right way to hold an ax). When the scouts have determined that the way you are holding the ax is incorrect ask: "Why is it unsafe to hold the ax the way I am?" The correct way is to hold it by the axe's shoulder and heel. The ax handle rests along the persons arm and the ax bit points down.

Why is this a good way to carry an ax? It helps prevent people getting hurt when a person carrying an ax falls. An ax should never be waived in the air and held still when being carried.

Who knows the correct way to pass an ax? Try passing it incorrectly and see if it is right. Ask a scout to come up to you and try passing the ax incorrectly to them. Some ideas of passing the ax incorrectly is passing the ax across your bodies, pass with the ax bit facing you or the scout and pass the ax with the head the wrong side up (When showing the incorrect way to pass the ax NEVER let go of the ax).

The proper way is to pass the ax along the side of the body and never across the body. If the passer passes the ax with his right hand then the receiver will take the ax with his left hand and vice versa.

What do you say when receiving an ax? Thank you - It lets the passer know you have control of the ax

Important notes:

Keep heavy end (head) down.



Don't pass across the body. Must say "Thank you" after have ax. Bit to the side

Activity: Get in a circle and pass the ax around. Once the ax has been passed to someone they must show the correct way to hold the ax. (If large group divide group in two and have patrol leader take a group to run activity.)

3. Setting up ax yard -

Important notes:

Rope off area Hold ax and move in a circle so you know nothing is around you.

Hold ax above you to make sure there are no low branches. If someone is in the ax yard already ask permission before you enter.

People must be 10 feet away before you can chop.

Wear long pants and leather boots

What is wrong with wearing sandals or tennis shoes when chopping wood? If the ax slips then the sandals and tennis shoes provide no protection for the feet while leather boots do provide some protection.

Activity: Have the patrol set up an ax yard and then comment on good points and then bad points of their ax yard.

4. Sharpening ax- clamp ax on bench or table, use a file and start at one end and move the file down and across the bit.

5. Show different types and sizes of knives -good and bad points about each.

Small knives are better for young scouts because they are easier to control.

Serrated blades stay sharp but become hard to sharpen.

Stainless steel knives are good because they will not rust.

6. Proper Passing of a knife - folding and fixed bladed knives. A folding blade knife should always be passed closed and never across a person. A fixed blade should be passed with the person passing the knife holding the blade (dull end touching palm of hand).

7. Scouts should only carry a folding blade - While there is no official national rule against scouts carrying a fix blade most Boy Scout camps do have a policy of no fixed blades. Older Scouts might remember when the Boy Scouts sold fixed blade knives which had about four inch blades. Many scouts decided they wanted bigger knives so they started to bring seven and eight inch knives. In the interest of safety scout camp forbid them. In most cases only small knife is needed.

8. Opening/closing knife - Have scouts go around opening and closing knife while passing it. Open and close a knife with both hands.

9. Talk about when and where to use a knife - Only during the day, not around someone (campfire, middle of walkway). Why is it a bad idea to use a knife at night even if there is a full moon? There is not enough light to be able to see what is being cut.
10. Show how to sharpen a knife on dry stone - 35 - 45 degree angle away from the body.
11. Show proper way to carry saw - one your side similar to the ax. Blade should be covered when carrying and passing saw.
12. Passing a saw - blade facing out and not across the body. Receiver says thank you when he has control of the saw.

Boy Scout Troop 325 Totin' Chip Test

KNIVES

1. Sharpen your knife on an oiled _____.
2. Hold the blade at a _____ degree angle to the whetstone.
3. How many hands are used to properly close a knife? _____.
4. Don't carry a knife with the _____ open.
5. Close the _____ before handing the knife to a friend.
6. Cut _____ from you to prevent injury.
7. Keep your knife dry, _____, and _____ at all times.

AXES

8. List eight of the 14 areas of an ax.
 1. _____
 2. _____
 3. _____
 4. _____
 5. _____
 6. _____
 7. _____
 8. _____
9. How do you fix a loose ax head?

10. When honing an ax rub a dry _____ against the ax blade in a _____ motion.
11. What does bucking a log mean?
12. What is the procedure for filing an ax?
13. Safe cutting with an ax requires clearance of an area at least how far all around?
14. List two reasons for not driving an ax into the ground.
15. How many people are allowed in an ax yard at any time?
16. When an ax is not in use, what should be done with the blade?
17. Describe the contact method for chopping a stick.
18. Describe the contact method for splitting a stick.
19. Ax safety: _____ when you are tired. _____ it when not in use. When passing an ax to someone, hold the handle near the _____ with the _____ down.

SAWS

20. A saw will cut wood _____ as fast as an ax.
21. Hold the wood _____ in place and use _____, smooth saw strokes.
22. When you have _____ to clear a campsite of saplings, saw them off just above _____.
23. Name two kinds of camp saws.
24. What kind of file is used to sharpen a saw?
25. Write the Outdoor Code and explain what it means.

Each question = 4 pts. Score _____
75 pts. to pass/100 points possible.

KNIVES

1. Sharpen your knife on an oiled **sharpening stone**.
2. Hold the blade at a **30** degree angle to the whetstone.
3. How many hands are used to properly close a knife? **Two**.
4. Don't carry a knife with the **blade** open.
5. Close the **blade** before handing the knife to a friend.
6. Cut **away** from you to prevent injury.
7. Keep your knife dry, **sharp**, and **clean** at all times.

AXES

8. List eight of the 12 areas of an ax.
Handle, butt, shoulder, eye, head, face, toe, blade, bit, heel, belly, knob.
9. How do you fix a loose ax head? **Soak the ax head in water for a couple of hours.**
When you get home drive a wedge into the head of the ax.
10. When honing an ax rub a dry **whetstone** against the ax blade in a **circular** motion.
11. What does bucking a log mean? **Cutting through it. (Usually into one foot pieces.)**
12. What is the procedure for filing an ax? **Check your handbook.**
13. Safe cutting with an ax requires clearance of an area at least how far all around?
Grab the ax by the head. Slowly swing the ax at arm's length all around and above you.
14. List two reasons for not driving an ax into the ground. **Chip. Rust. Dull it.**
15. How many people are allowed in an ax yard at any time? **One.**
16. When an ax is not in use, what should be done with the blade?
Sheath it or put it in a chopping block.
17. Describe the contact method for chopping a stick. **Check your handbook.**
18. Describe the contact method for splitting a stick. **Check your handbook. :-)**
19. Ax safety: **Rest** when you are tired. **Sheath** it when not in use. When passing an ax to someone, hold the handle near the **knob** with the **head** down.

SAWS

20. A saw will cut wood **twice** as fast as an ax.
21. Hold the wood **firmly** in place and use **long**,

smooth saw strokes.

22. When you have **permission** to clear a campsite of saplings, saw them off **just above ground level**.
23. Name two kinds of camp saws. **Folding saw, bow saws.**
24. What kind of file is used to sharpen a saw?
Ignition file
25. Write the Outdoor Code and explain what it means.

As an American, I will do my best to be clean in my outdoor manners, be careful with fire, be considerate in the outdoors, and be conservation minded.

Check your handbook for the meaning. (Hey, you gotta read once in a while.)