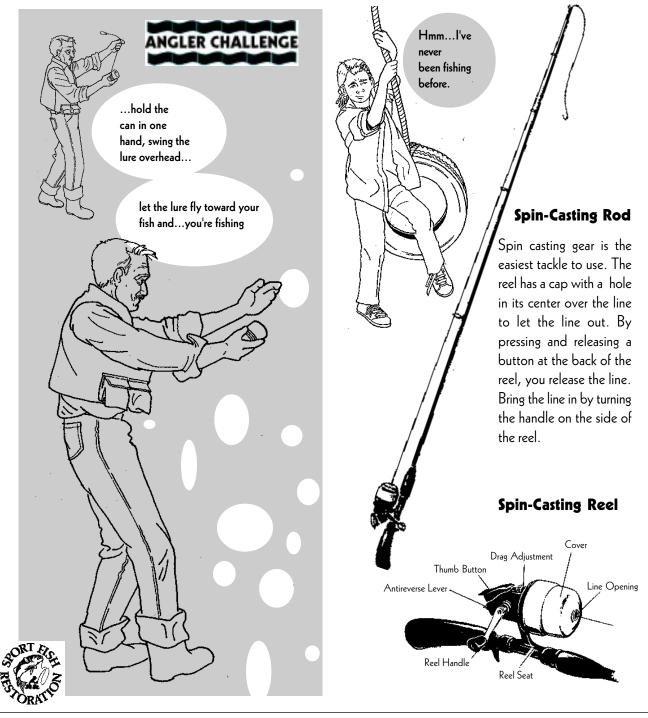


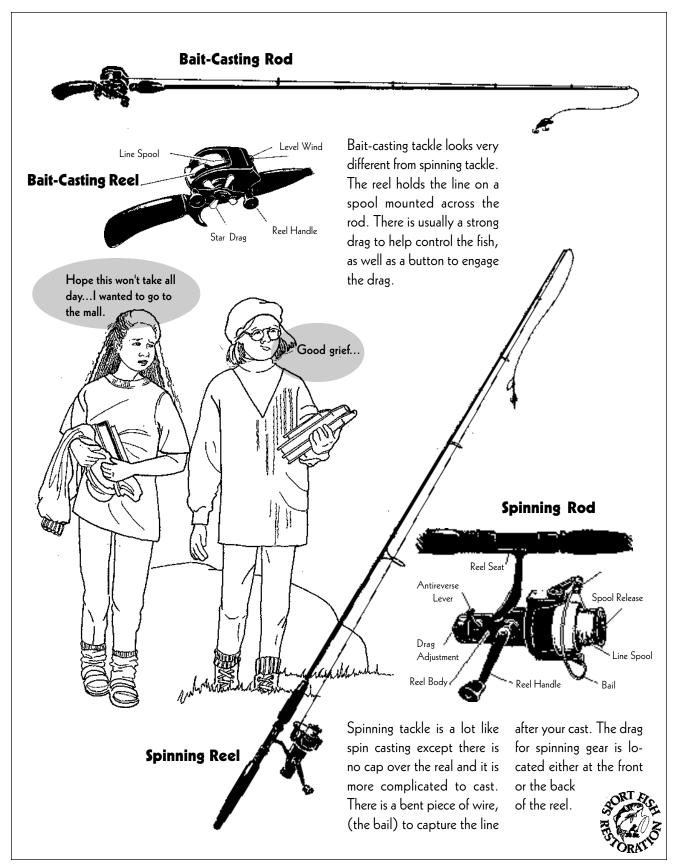




Tackling Tackle...get reel

Fishing tackle is the equipment used to catch fish. Your first tackle will problably be a fishing rod, a reel, fishing line and hooks.



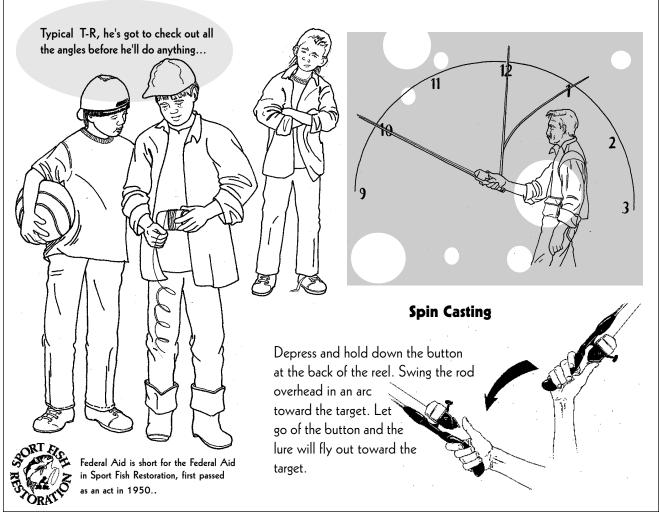


Casting...practice, practice, practice

Casting is the ability to cast your lure or bait accurately.

Casting (spin, spinning and bait casting)

Hold onto the rod with the tip of the rod behind you, away from the place you want your lure to go. Depress and hold down the button at the back of the reel. The line will not go out if you hold the button down. Swing the rod overhead in an arc toward the target. Let go of the button and the lure will fly toward the target.



Spinning Casting

To use a spinning reel, swivel the bail over the face of the spool while holding the line with the tip of one finger. Straighten this finger to let go of the line when you cast.

Whenyou retrieve the lure, the bail clicks back into place and guides the line onto the spool.

Bait Casting

To bait cast the same motion is used as in spin casting or spinning. You hold the line in check with pressure from your thrumb againt the spool. If you let the reel run freely while casting, you are likely to develop a very bad backlash. Light pressure of your thumb against the spool will help prevent this.



What a draaaag!

A hooked fish may take line off your reel. Slow the fish down by increasing the drag setting. The drag allows you to use light tackly to land large fish without the fish breaking the line. If the drag is set too tightly the fish will break the line.

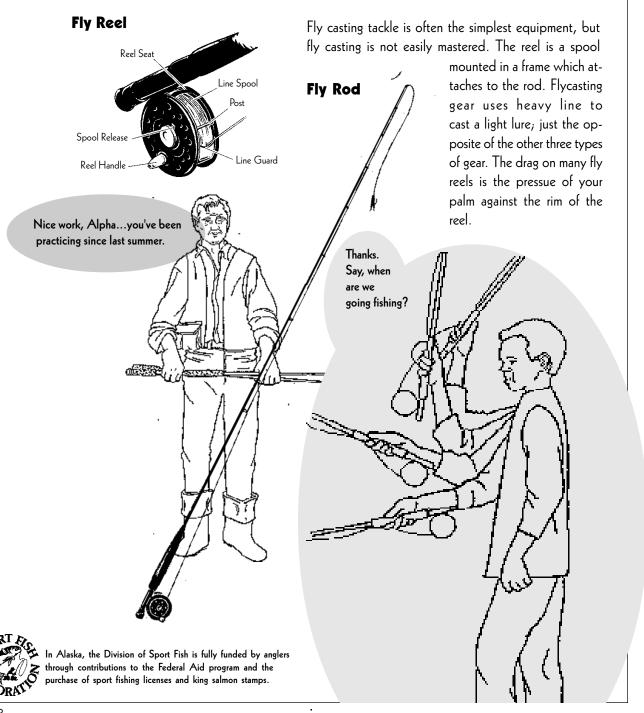


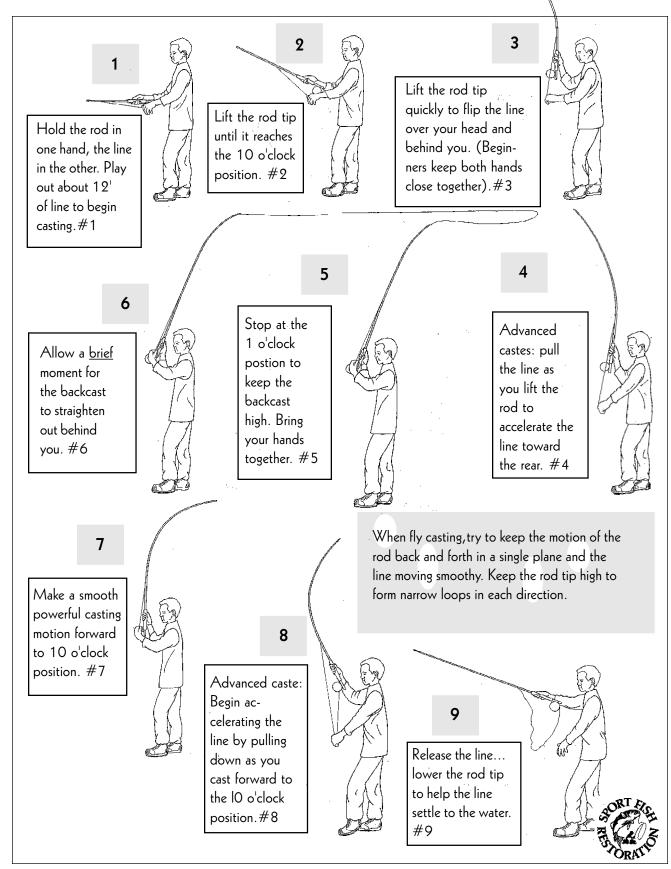
On most reels there is an extra button that allows the line to run free in both directions. If it is slipped the wrong way, your line can tangle into a ball of knots that will make the worst bad hair day seem mild. If the knots are too deep, the line may have be be cut off. Don't let the line run free when you are learning to cast.



Fly Casting

Unlike spinning and bait casting, where the weight of the lure pulls lines off the reel, flyfishing gear uses a heavy line to cast the fly. The reel is a simple spool to hold the line, the rod is supple and thin.

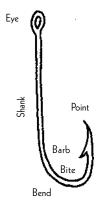




Terminal Tackle...the connection

between you and your catch

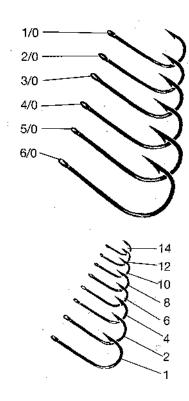
Anything at the end of the fishing line is called terminal tackle.

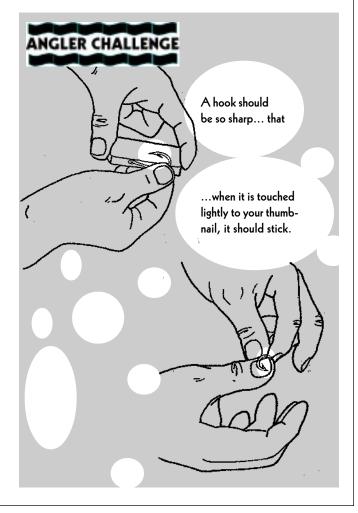


There are different **hooks** for every kind of fish and fishing. Choose your hook size to match the fish you are after. If you expect to release some of your catch, it is very important to cause the fish little injury. Hook sizes are numbered so that the smaller the hook, the larger the number. A size 1 hook is bigger than a size #2. Hooks bigger than #1 are numbered 1/0 (pronounced one-aught) 2/0, 3/0 etc.



Swivels are usually attached between your line and leader, at the weight, or just before the lure. Snap swivels have a clip that works like a safety pin allowing for quick changes of terminal tackle.





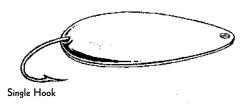


Federal Aid also pays for Aquatic Education, which includes things like this manual.

What

Not-So-Real Lures

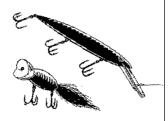
Artificial lures may resemble food or simply attract fish by their color. Fish that strike artifical lures are less likely to swallow the hook than fish that strike bait.



Fish are attracted to a **spoon** by the wobbling action it produces as you retrieve it or the fluttering action it produces as it settles in the water. Spoons often come with a treble hook attached.



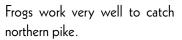
Plugs are torpedo-shaped baitfish imitations. They produce a wobbling action when they are trolled or retrieved. Plugs can be very effective and are sturdier than bait.



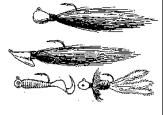
Spinners may be fished alone, with a soft placstic lure, or with bait. They are small spoons which spin around a shaft that have the hook attached to one end and the line to the oher. Use a swivel with spinners or your line will twist. Their fast action makes them very effective in slow or shallow water.

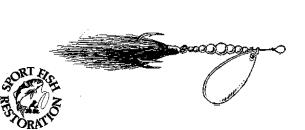


Soft **plastic baits** are used for all kinds of fish. They are used on jigs for halibutand are called hoochies when trolled for salmon. Hoochies are lures that look like squid. They are fished behind a metal flasher which spins through the water and gives a spiraling action to the hoochie.



A **jig** has a weighted head attached to a hook. It is fished by lowering it to the bottom and quickly raising and lowering the tip of the rod. Some jigs are "dressed" with plastic skirts, yarn, or feathers. Jigs are used for halibut and rockfish but work well for a variety of game fishes.





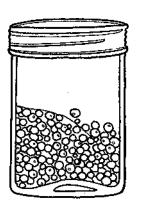


Natural Baits

LIVE FISH MAY NOT BE USED AS BAIT WHEN SPORT FISHING IN FRESH WATER.

Offer fish what they are eating and you will usually catch them. As you approach your limit, change to lures or flies to limit fish injury. Then you can keep fishing while practicing catch and release.

Anglers like to invent new bait. Just be sure that your bait can be **safely eaten** and **digested** by the fish.

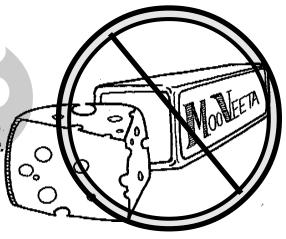


Salmon eggs are the most popular fresh-water bait. Eggs may be fished by threading them individually onto a hook or in clusters.



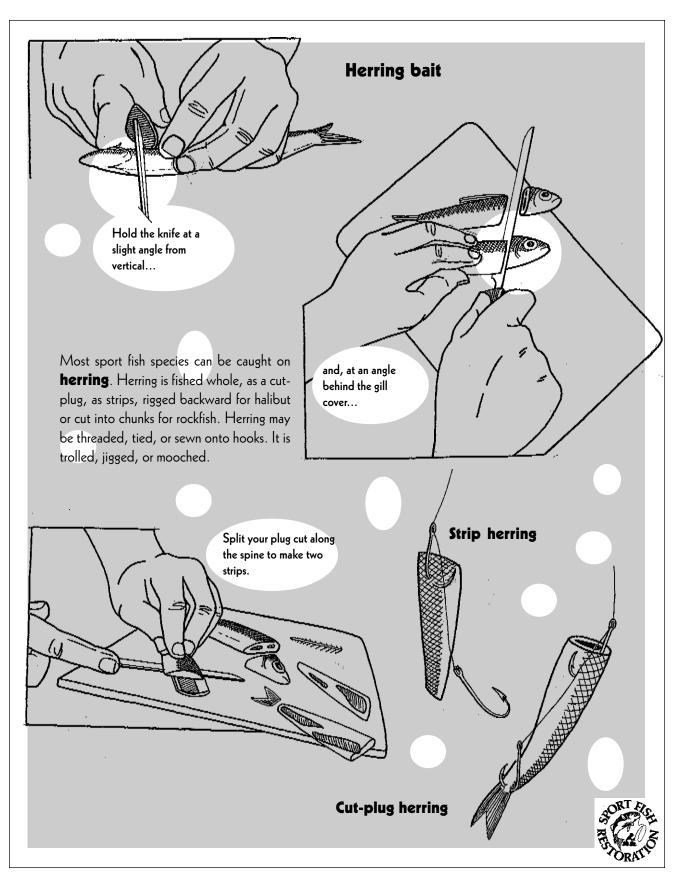
Shrimp is also a popular and effective bait.

Fish cannot digest cheese or cheese products - please do not use it for bait.



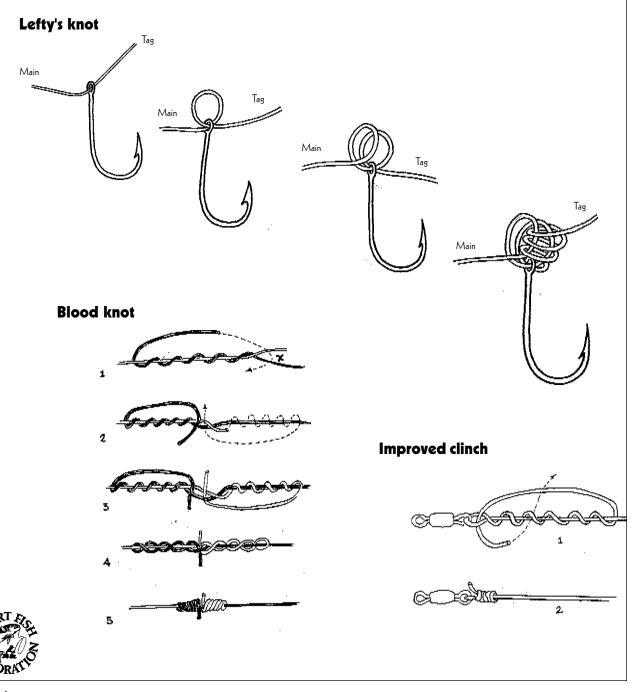


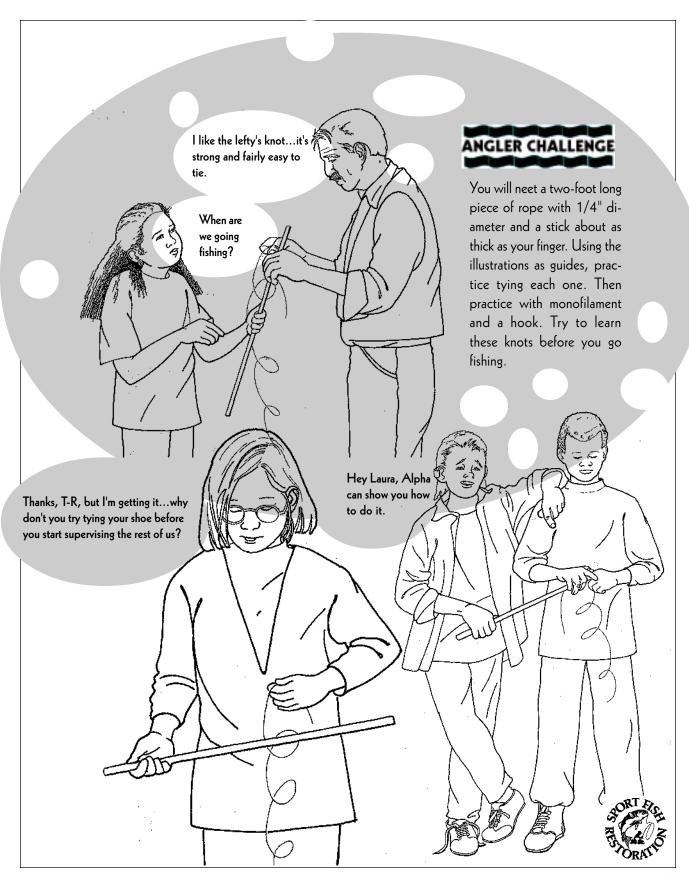
In the past ten years, Federal Aid has paid for over 80 access projects to help anglers and boaters discover Alaska.

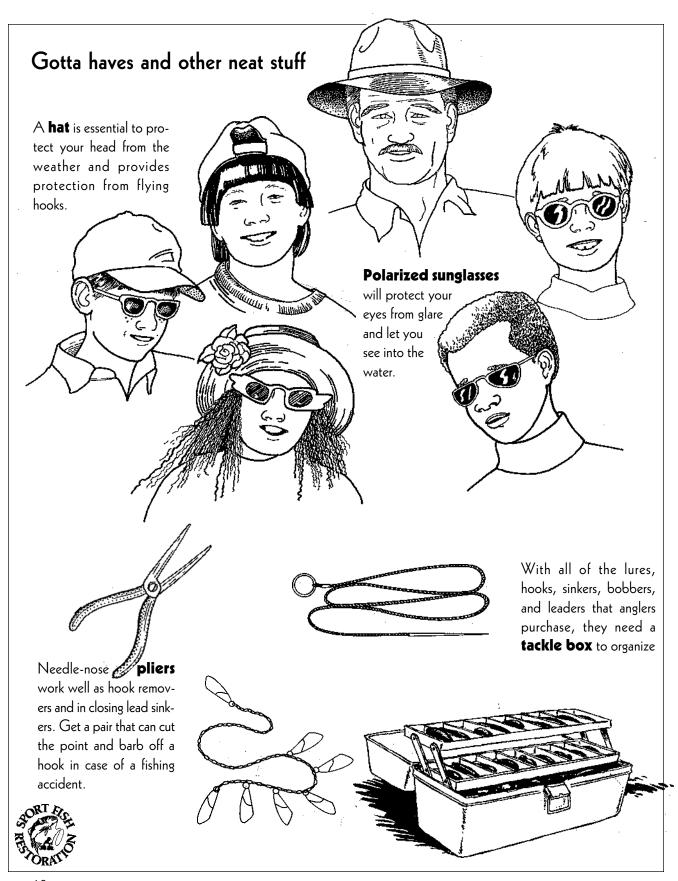


Knots

Check all knots and line often for wear. Remember, some knots are stronger than others.







ANGLER CHALLENGE

Answer the following questions by filling in the blanks:

1. A		is the be	nt piece of me	tal at the	end of
the line that attaches the angler to the fish.					
2.	Spincasting	and	spinning	reels	use

3. When fly fishing, you cast the _____ and the fly follows along.

4. A _____ is used to float your bait off the bottom.

5. A _____ is used to get your bait down to the fish.

6. Soft plastic baits called - _____ are used to troll for salmon.

7. A _____ attracts fish with its wobbling action./

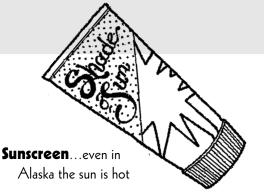
8. When fishing from a boat or near deep water you should wear a

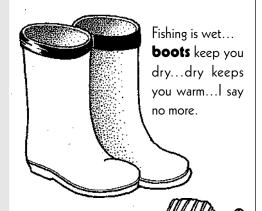
9. A swivel is used between your line and your lure to

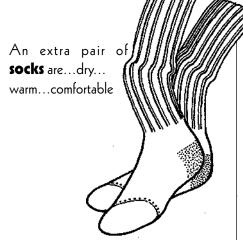
10. The most popular bait for fishing in frest water in Alaska is

11. It is not legal to use ______ to fish in fresh water in Alaska.

Draw a picture of one complete set of tackle, from rod handle to hook.







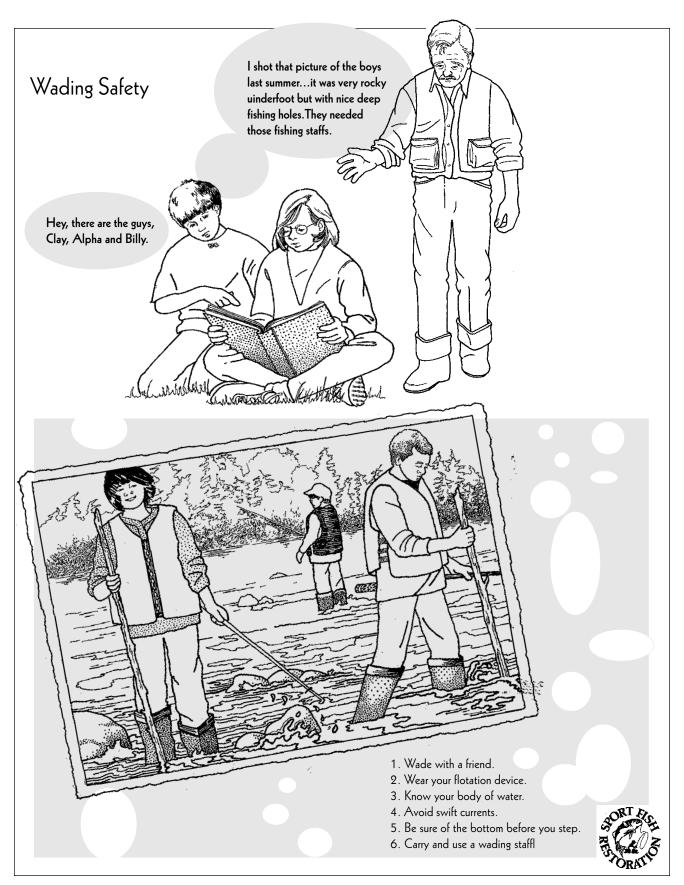


Bug repellent... don't leave home without it

A small **pocketknife** can be used for cutting bait.

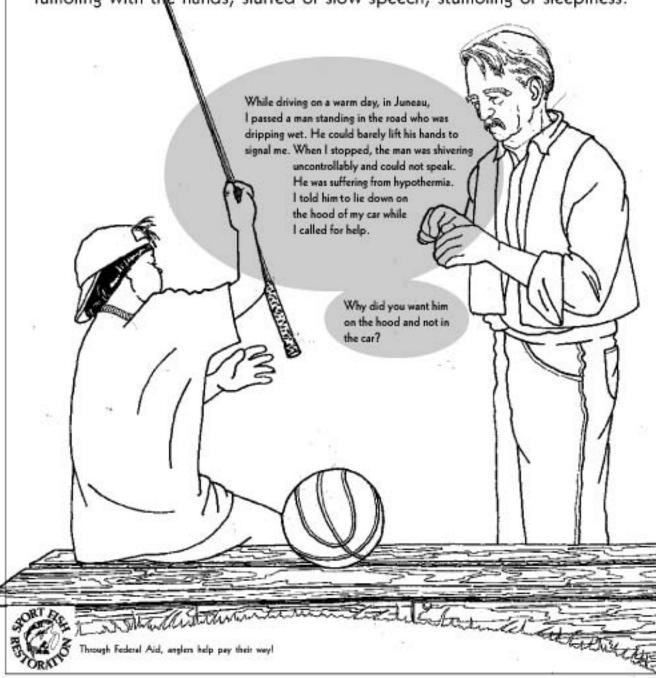


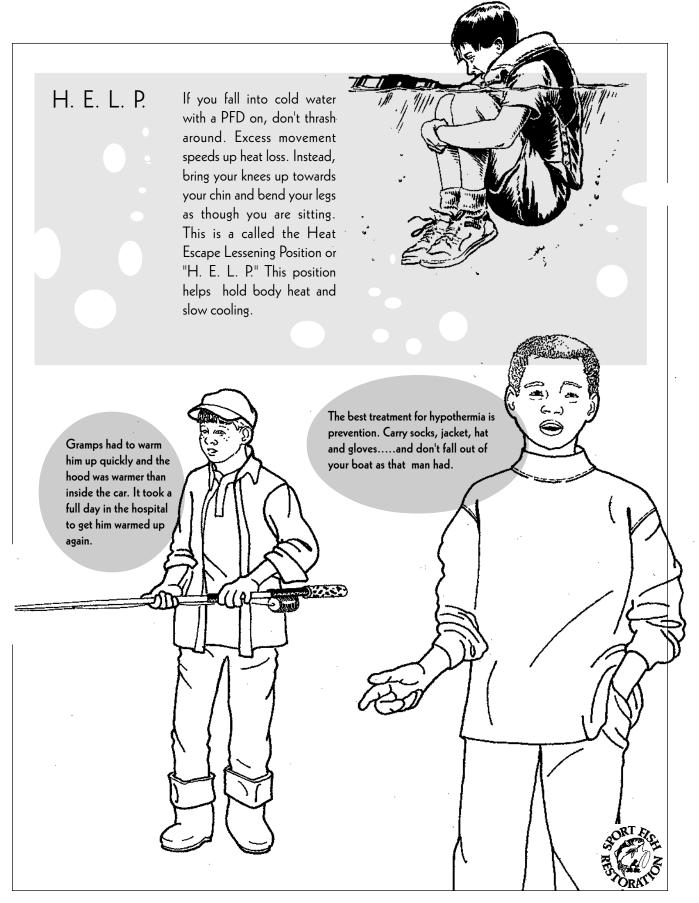
Fishing Safety Alaska is wild - wild spaces - wildlife. Be careful. With Alaska's cold waters and deep rivers with strong currents, one slip can prove fatal. Even strong swimmers cannot last long in these waters. You should always wear a personal flotation device (PFD) when fishing from a boat or fishing deep waters. Wear it! Wear it! Do these come in designer colors? Gimme a break...



Hypothermia

Hypothermia occurs when the body chills faster than it produces heat. Exposure to wind, wet or cold can cause hypothermia - it does not have to be freezing out. Signs of hypothermia are prolonged shivering, fumbling with the hands, slurred or slow speech, stumbling or sleepiness.

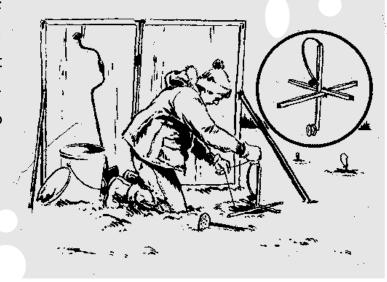


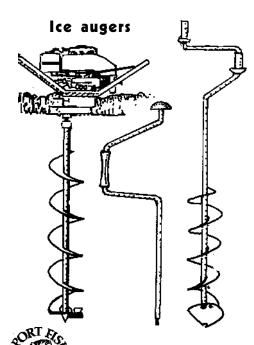


Ice Fishing Safety

When you are not absolutely sure the ice is safe, chop or drill a hole in the ice to test its thickness. Dress warmly and be aware of cold feet, hands, and face. Fish with a buddy and check each others' nose,

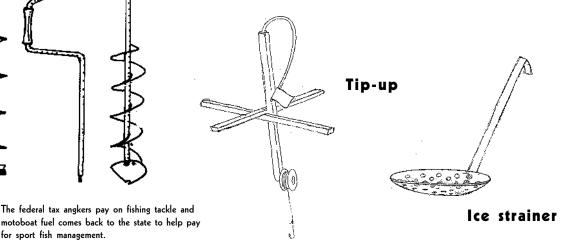
cheeks, and ears for white spots that indicate frostbite. If you see any signs of frost bite, cover - do not rub the affected areas to keep in heat and get warm.

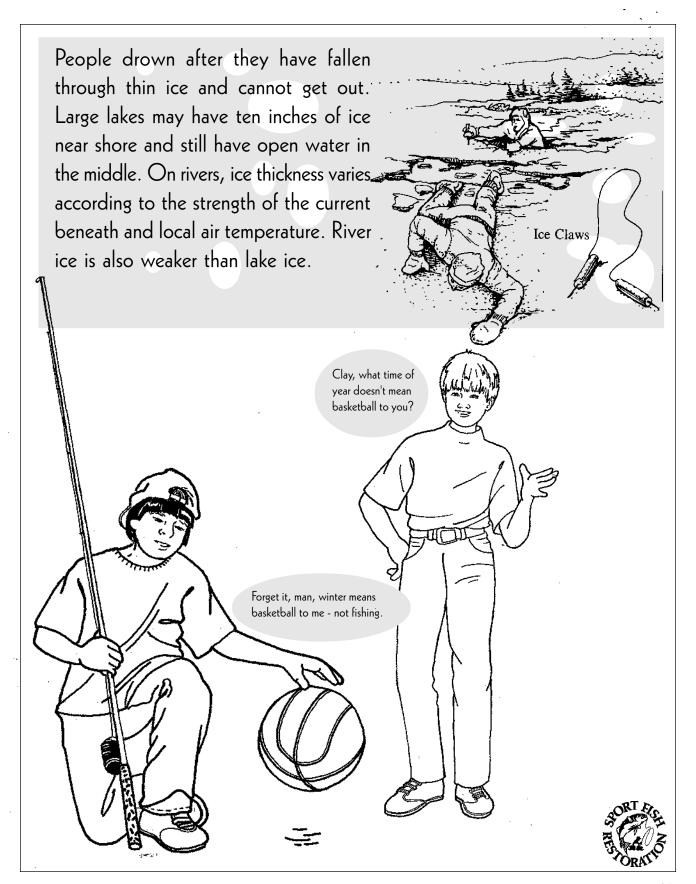




for sport fish management.

Ice fishing rods are generally short. The simplest ones don't have a reel. Instead they have a small cleat to wrap the line around. When fishing in water over 15 feet deep, a rod with a reel is a good idea. Alaska's sport fising regulations allow anglers to have two lines with one hook each for ice fishing. For ice fishing you will need an ice auger to make a hole in thick ice and a dipper to clear the hole of slush, ice and snow.





Remember...always check behind you when casting!

Even though we're not using hooks while practicing, it's best to follow safefty procedures - check behind you before



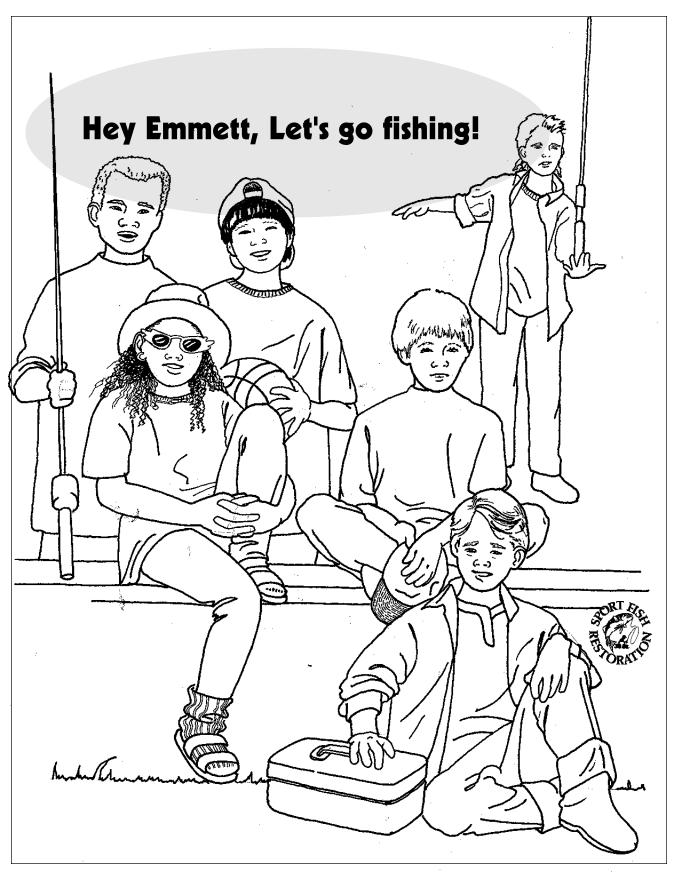


Removing a Hook From Your Skin

You should never try to remove hooks from sensitive areas like the face, eye or back of the hand. Let a doctor do it! A hook can be removed if it is not in a vital area. First, cut the hook away from the rest of the fishing lure. Put a loop of twine or fisning line around

the bend of the hook. Hold down the eye and shank of the hook, pressing it lightly to the skin. Grasp the loop in the line and, with a sharp jerk, pull the hook free.





And just who is responsible for this handbook?

Alaska Department of Fish & Game

Written by Jon Lyman
All character illustrations by Ashley A. Dean

Other graphics contributed by

"Sport Fishing and Aquatic Resources Handbook," Alaska Aquatic Education, Division of Sport Fish; p. 4, spin-casting rod and reel; p. 5, bait-casting rod and reel, and spinning rod and reel; p. 6, spin casting; p. 7, spinning casting and bait casting; p. 8, fly rod and reel; p. 10 hooks; p. 12, spoons, plugs, spinners, plastic baits and jigs; p. 13, flies; p. 18, stringers and tackle box; p. 20, PFD's; p. 23 H. E. L. P; p. 24, ice fishing.

"Casting Equipment," Aquatic Skills Series, Missouri Department of Conservation; p. 16, blood knot and improved clinch.

"Basic Fishing," Aquatic Skills Series, Missouri Department of Conservation, p. 26, removing hook.

"Alberta Fishing Education," Alberta Forestry, Lands and Wildlife; p. 24 ice augers and tip-up; p. 25, ice claws.

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