

KNOTS **OUTPOST ADVENTURE**

Achievement Sampler #4

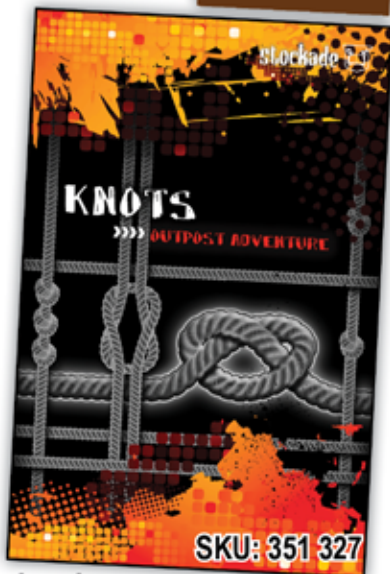
Use this sampler to complete some CSB Achievement at home. Your parent, another relative or a family friend can help you with the memory verses and the individual Achievements. When you are done, show your completed work to your Stockade Ranger. He can help you get the entire Outpost Adventure and earn the Patch and Honor Star.

Print this pdf as a “Booklet” or “Multiple” using Adobe Reader.

You can obtain KNOTS from:

CSB US - store.csbministries.org

CSB Canada - store.christianservicebrigade.ca



Builder Memory Verse: Proverbs 6:20-21

“My son, keep your father’s commandment, and forsake not your mother’s teaching. Bind them on your heart always; tie them around your neck.”

Sentinel Memory Verse: Proverbs 6:20-22

“My son, keep your father’s command. Don’t turn away from your mother’s teaching. Always tie them on your heart. Put them around your neck. When you walk, they will guide you. When you sleep, they will watch over you. When you wake up, they will speak to you.”

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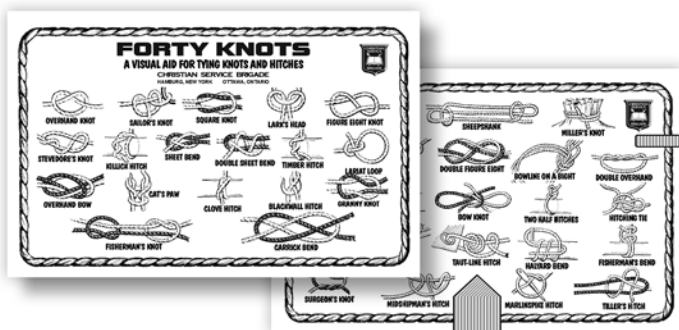
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LOTS O' KNOTS



There are lots of different kinds of knots. Using a short length of rope and the Forty Knots chart in the center of this book, try tying several knots. Once you're sure you know some, list them below:



Now that you have seen many of them, which knots would you suggest could be used in these situations:

1. Fishing _____
2. Tenting _____
3. Christmas Presents _____
4. Pulling a log with a truck _____
5. Tying a boat to a dock _____

Complete this Achievement, then show your Ranger some of the knots you can tie.

THE ROPE



When tying knots, it's important that those knots are dependable. The first step in being able to tie a trustworthy knot is to know the names of the parts of a rope. Knowing these will help you tie new knots quickly and well.

Using the "Parts of a Rope" CSB Resource Page, draw a line from the name of the rope part to its image. **Then show your Ranger that you have memorized the parts of a rope.**



- BIGHT -

- OVERHAND LOOP -



- ROUND TURN -

- STANDING PART -

- TURN -



- UNDERHAND LOOP -

- WORKING END -



FORTY KNOTS

A VISUAL AID FOR TYING KNOTS AND HITCHES

CHRISTIAN SERVICE BRIGADE
HAMBURG, NEW YORK OTTAWA, ONTARIO



OVERHAND KNOT



SAILOR'S KNOT



SQUARE KNOT



LARK'S HEAD



FIGURE EIGHT KNOT



STEVEDORE'S KNOT



KILLICK HITCH



SHEET BEND



DOUBLE SHEET BEND



TIMBER HITCH



LARIAT LOOP



OVERHAND BOW



CAT'S PAW



CLOVE HITCH



BLACKWALL HITCH



GRANNY KNOT



FISHERMAN'S KNOT



CARRICK BEND



MILLER'S KNOT



SHEEPSHANK



FISHERMAN'S EYE



RUNNING KNOT



BOWLINE



DOUBLE FIGURE EIGHT



BOWLINE ON A BIGHT



DOUBLE OVERHAND



SLIPPERY HITCH



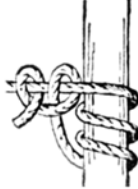
HALF HITCH



BOW KNOT



TWO HALF HITCHES



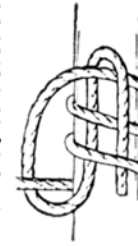
ROLLING HITCH



CHAIN KNOT



TAUT-LINE HITCH



HALFYARD BEND



FISHERMAN'S BEND



SURGEON'S KNOT



MIDSHIPMAN'S HITCH

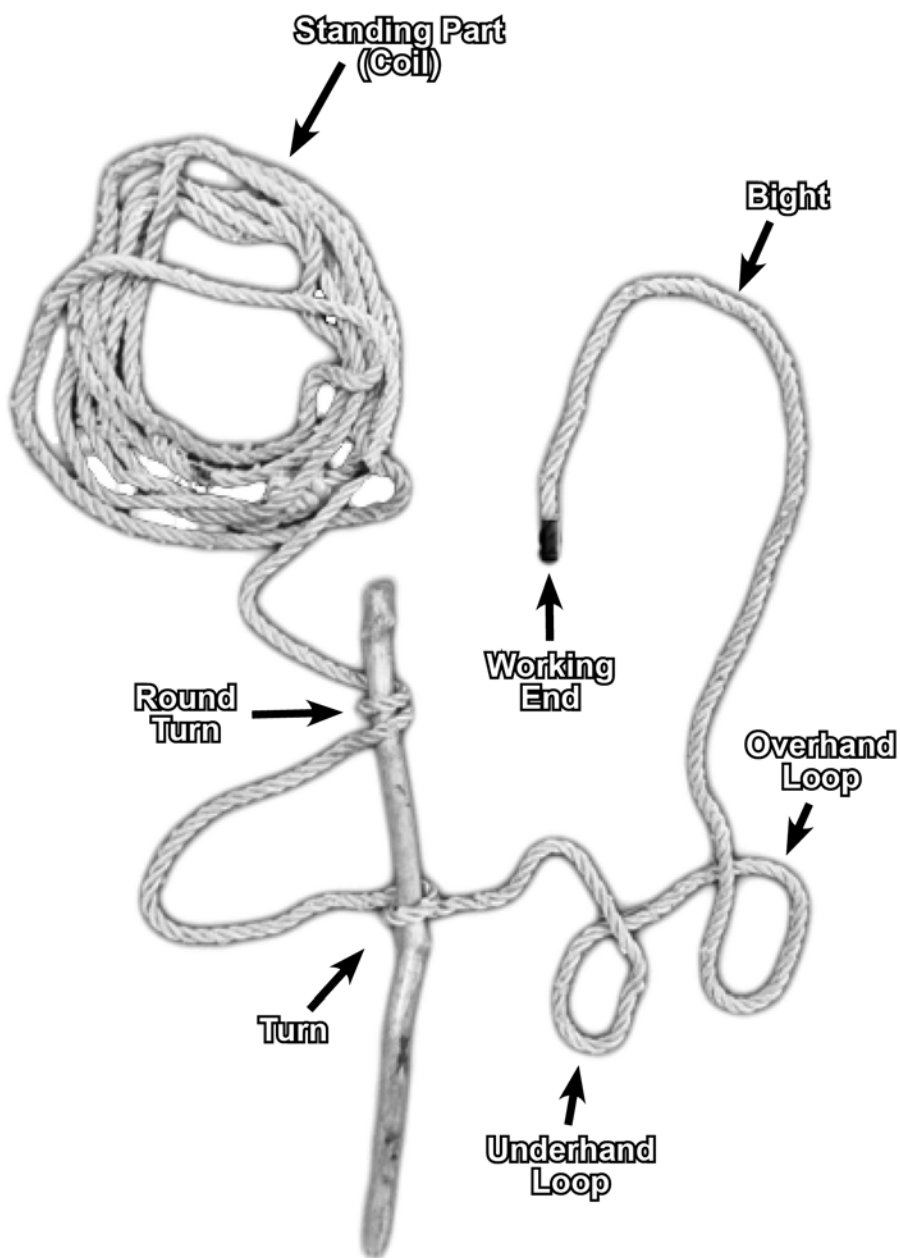


MARLINSPIKE HITCH



TILLER'S HITCH

PARTS OF THE ROPE



BOWLINE



One of the most useful and dependable knots you can know is the Bowline. The Bowline forms a secure loop at the end of a rope that will not slip and is easy to untie. Tried and tested over centuries, this knot is dependable, strong, and stable. Even after severe tension is applied it is easy to untie.



Lay the rope across your left hand with the working end hanging down. Make a small overhand loop in the standing part to form an eye. Hold this eye between your thumb and fingers, thumb on top.

Bring the working end up to and pass through the eye from the underside. This is the rabbit coming out of the hole.

Wrap the working end around the standing part and back down through the eye. This is the rabbit running around the tree and back down the hole, again.

Tighten the knot by pulling on working end while holding standing part. This is pulling the rabbit and the hole with one hand while the other hand is holding the tree.

When tied properly, the bowline will not normally slip or tighten up. However, when it is time to untie it, the knot can be bent on itself, loosening it for easy undoing.

This is a problem for the security of a bowline knot. If it is bent while being tied, it will slip easily. Make sure to check the knot before using it. It is easy to correct the knot by bending it back to its locked position.



Learn the Bowline and then show your Ranger how secure it is.

SO MANY KNOTS



There are hundreds of kinds of knots used for everything from tying a package to suspending massive weights from a crane. You want your knots to be safe and **DEPENDABLE** - this means knowing which knot works best for the job.



Below are listed some knots and some jobs.

Draw a line between the job to be done and the knot to do it. **Then explain your choices to your Ranger.**

Making an immovable loop -

Tying down a load on a trailer -

Tying a cloth sack closed -

Tying a rope to a tree -

Tying a rope to a pole -

Tying a boat to the dock -

Tying a package -

Adjustable knot for tent line -

Used for shortening a rope -

- **MILLER'S KNOT**

- **CLEAT HITCH**

- **TAUT LINE HITCH**

- **TRUCKER'S HITCH**

- **SURGEON'S KNOT**

- **CLOVE HITCH**

- **BOWLINE**

- **SHEEPSHANK**

- **TIMBER HITCH**