

## Knots



**Otters do 4 requirements including the 2 starred.**  
**Dolphins do 5 requirements including the 2 starred.**  
**Butterflies do 6 requirements including the 2 starred.**  
**Eagles do 7 requirements including the 2 starred.**

\_\_\_\_\_ 1.\* Learn about different types of rope and string and which works best for different types of knots. Look at things like fiber used, weight, elasticity, strength, how easily it slides, how resistant it is to water, and whether or not it floats.

\_\_\_\_\_ 2. \* Learn how to properly maintain your rope. Keep it dry whenever possible so that it does not mildew. Keep it away from fire and heat. Natural fibers will burn and synthetic fibers will melt. If you are a Dolphin or above, learn how to repair any fraying ends using a whip stitch for natural fibers or have an adult help you melt the ends on a synthetic rope.

\_\_\_\_\_ 3. Learn at least one type of stopper knot and explain when it should be used.

- \_\_\_\_\_ overhand knot
- \_\_\_\_\_ figure eight knot
- \_\_\_\_\_ double overhand knot
- \_\_\_\_\_ stevedore knot
- \_\_\_\_\_ Ashley's stopper knot

\_\_\_\_\_ 4. Learn at least one type of hitch knot and explain when it should be used.

- \_\_\_\_\_ half hitch
- \_\_\_\_\_ two half hitches
- \_\_\_\_\_ clove hitch
- \_\_\_\_\_ cow hitch
- \_\_\_\_\_ barrel hitch
- \_\_\_\_\_ sailor's hitch
- \_\_\_\_\_ rolling hitch
- \_\_\_\_\_ chain hitch
- \_\_\_\_\_ pipe hitch
- \_\_\_\_\_ timber hitch

\_\_\_\_\_ 5. Learn at least one type of loop knot and explain when it should be used.

- \_\_\_\_\_ bowline
- \_\_\_\_\_ butterfly loop
- \_\_\_\_\_ double dragon
- \_\_\_\_\_ Flemish loop
- \_\_\_\_\_ double bowline
- \_\_\_\_\_ overhand loop
- \_\_\_\_\_ anglers loop

\_\_\_\_\_ 6. Learn at least one type of slip knot and explain when it should be used.

- \_\_\_\_\_ noose or traditional slip knot
- \_\_\_\_\_ running bowline
- \_\_\_\_\_ rolling hitch

\_\_\_\_\_ 7. Learn at least one type of bend knot and explain when it should be used.

\_\_\_\_\_ Square Knot

\_\_\_\_\_ Water knot

\_\_\_\_\_ Sheet bend

\_\_\_\_\_ Carrick bend

\_\_\_\_\_ fisherman's knot

\_\_\_\_\_ surgeon's knot