

Beavers Camp Craft Badge

Take Part In A Small Pioneering Project

The Bear Bag Game®

By Samantha Eagle

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Requests for permission or further information should be addressed to Samantha Eagle, PO Box 245, La Manga Club Murcia, 30389, Spain.

Published by Samantha Eagle
PO Box 245, La Manga Club Murcia, 30389, Spain.
Email: sameagle@easierscouting.com

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The Bear Bag Game[©]

Overview

For this task, the Beavers will help you build a 'Bear Bag Structure' using a knot and a lashing. Once the structures are built they will play a fun game called 'The Bear Bag Game'.

Preparation Before The Meeting

1. Print the 'How to Apply Lashings' learning sheets for each leader/helper – found in this document. Each leader/helper should use these learning sheets to understand the terms and tips used in lashings. Then learn how to tie a 'Clove Hitch Knot' and a 'Tripod Lashing'

This is an informative video which will teach you how to make a tripod using the 'Clove Hitch Knot' and a 'Tripod Lashing'

https://www.youtube.com/watch?v=Tzngue_rHbM

2. Print the picture of the 'Bear Bag Tripod' – found in this document – you need one for two children sharing and there are 9 on the page
3. Ideally you will split your group into teams of six and assign a leader/helper to each team. Therefore, you may need to get extra help this week.

Materials Needed for each Team of Six

- 3 poles and a long piece of rope. The length will depend on the width of your poles.
 - These poles can be broom handles, sticks, or pioneering poles. Maybe your Scout group will have some that you can borrow
- Another piece of rope long enough to tie the bear bag from the centre of the tripod structure
- Bear bag containing some pretend food – a piece of cloth or a bag with the neck tied shut



Preparation At The Meeting

1. Layout materials

Directions/Leader Speak

1. **Speak** - The next task you need to complete for your 'Beavers Camp Craft' badge is to take part in a small 'Pioneering Project'. So in teams you are going to make a 'Bear Bag' holder.

When you're camping you need to make your food bear proof! Don't worry it's unlikely where you will be camping that you will see a bear but just in case we should learn how to keep our food away from the bears.

There are a few ways to do this. The best way is to hang your bag from a tree. We are going to pretend that we don't have a suitable tree where we are camping and make a tripod stand to hang the bear bag from instead.

2. **Speak** - This is what it's going to look like...
3. **Action** – Hand out the picture of the tripod stand
4. **Action** - Split your group into teams of 6

5. **Speak** - In your teams we are going to show you how to make a tripod and each of you are going help us

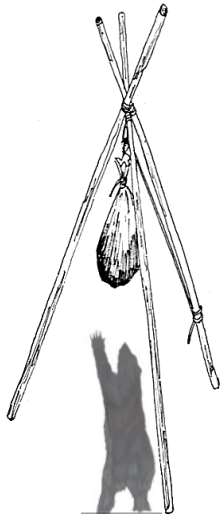
Now when you make things for camp you use knots and lashings. You probably know what a knot is. But with certain structures and gadgets knots are not enough to hold them together so you have to use what we call 'lashings'

For our bear bag holder you would use a knot called a 'Clove Hitch' and a lashing called a 'Tripod Lashing'
6. **Direction** – With your small group in front of you demonstrate how to tie a clove hitch around the first pole
7. **Direction** – Now demonstrate the start of the tripod lashing and get each Beaver to help you as you go
8. **Direction** – Then point out that to make the structure stronger you have to finish with 'frapping' demonstrate this and again get each Beaver to help you as you go
9. **Action** - Now stand up your tripod
10. **Action** - Take your already prepared bear bag and using another piece of rope tie it around the neck of the bag making sure you have two ends left and long enough to pass over the top of the tripod and tie together allowing the bag to hang underneath
11. **Direction** – Tell them to imagine that the poles are quite long and that the bear won't be able to reach the bag. And that in camp the bear bag should be placed away from camp so that the bear doesn't come in
12. **Speak** - Brilliant you've made a great structure so hopefully the bear won't come and eat your food! Well we'll see because you are now going to play the 'Bear Bag Game'

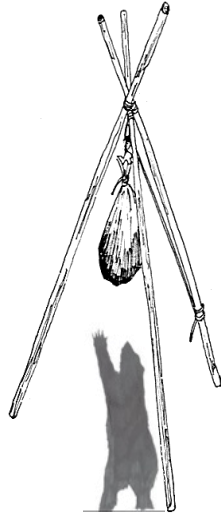
Bear Bag Game Directions...

1. Position your bear bag structures around the room
2. The bears must try to grab the bear bag containing the food (they won't take it just touch it)
3. Each Bear should try to touch any of the bags if they touch the bag the bear team will gain a point but if the bear is caught the campers will gain a point
4. The way the campers will catch the bear is by trying to stop them from touching the bag so if a bear gets close and a camper touches their shoulder the campers will receive a point
5. Play with 4 bears and 4 campers at a time and time them for 2 minutes then swap over their roles for another 2 minutes. Each group of 4 will gain points
6. Then the children will sit out and the next 8 children will play. The numbers of the bears and campers will depend on the size of your group. So, for example, if you have a group with a total of 8 children then the entire group can play at once but if you have a larger group run two games and you could increase the team sizes a little – But if the teams get too big it will be more difficult for the leaders to keep a record of the points
7. The team with the most points at the end of the game are the winners (each team will earn points as bears and campers these will be added together).

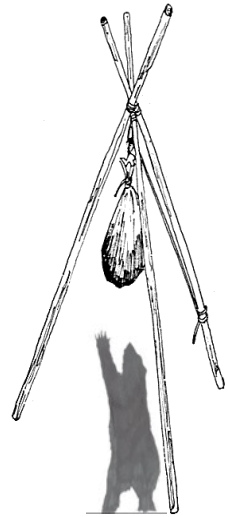
Bear Bag Structure



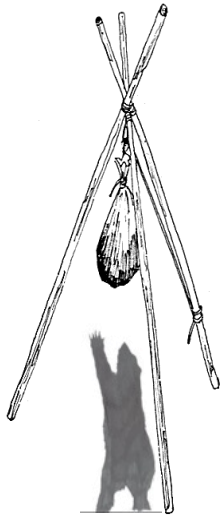
Bear Bag Structure



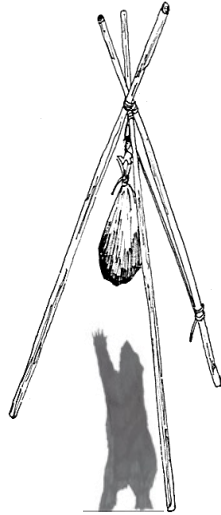
Bear Bag Structure



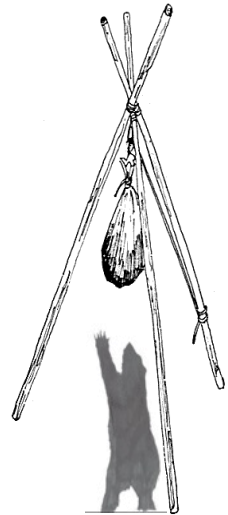
Bear Bag Structure



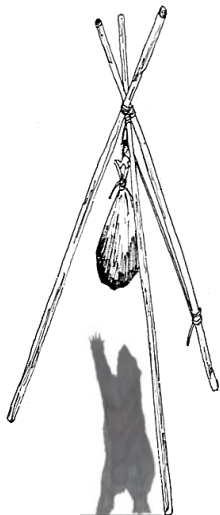
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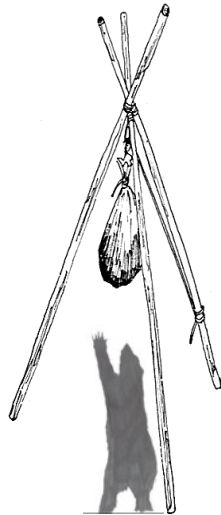
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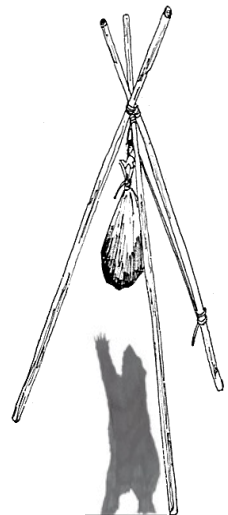
Bear Bag Structure



Bear Bag Structure



Bear Bag Structure



How to Apply Lashings

Terms to understand before you start lashing...

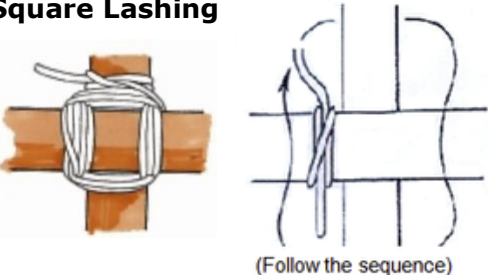
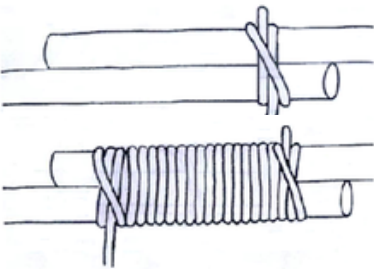
Wrap. A wrap is a turn made **around the two poles** to hold them tightly together. Usually, three wraps are made to form a Square Lashing. Some other lashings require more wraps.

Frap. A frap is a turn made **between the poles**. It goes around the wraps to pull the wraps tighter. Usually two frapping turns are made on a lashing.

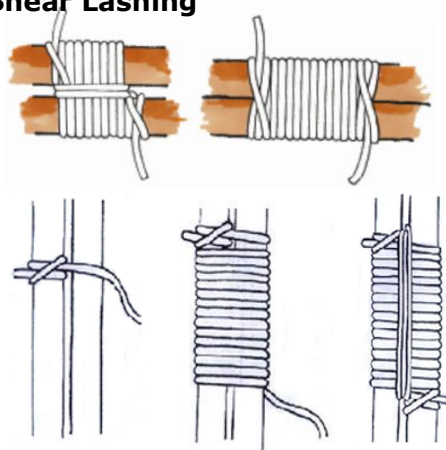
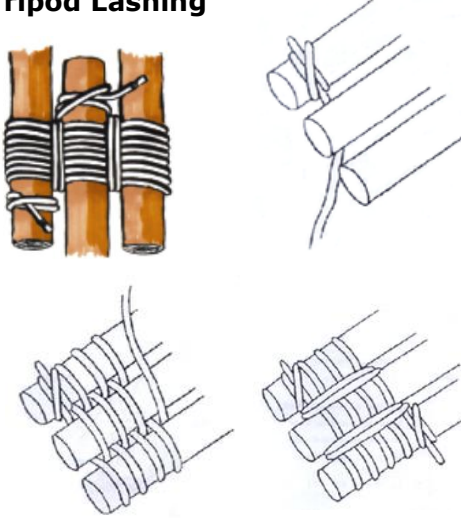
Frapping turns should be pulled up as tightly as possible before the final knot is tied.

Tips...

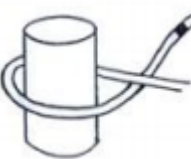
- Tighten all turns as you go
- Ensure there is no overlapping in the turns made
- Ensure minimal gaps in the lashings
- Ensure sufficient turns and frapping are made. Frapping binds the rounds together, adding more security to the lashing.
- Keep the lashings neat by tucking in the ends of hitches

Square Lashing  (Follow the sequence)	Apply a Clove Hitch Knot around one pole. Twist the short end around the long and wrap the rope around both poles, alternately going over and under each pole about three or four turns. Tighten the lashing by surrounding it with three or four frapping turns. Finish with a Clove Hitch.
Diagonal Lashing 	Tie a Timber Hitch Knot across the diagonal of the poles. Wrap three or four turns around the two poles in one axis followed by three or four turns in the other axis. Tighten the lashing by surrounding it with three or four frapping turns. End with a Clove Hitch on one of the spars to secure it.
Round Lashing 	Tie a Clove Hitch to both poles Wrap tightly six or eight turns around the two poles. End with a Clove Hitch on the two poles

How to Apply Lashings cont.

Shear Lashing 	Tie a Clove Hitch around one pole. Wrap the rope around both poles. Frap between the poles for at least three rounds. End with a Clove Hitch on the other pole. You can spread the poles to make shear legs
Tripod Lashing 	Tie a Clove Hitch on the first pole Tie the rope alternately over and under in a figure of eight formation. Make a turn on the first or last pole before frapping. Frap at least 3 rounds in between every spar. End with a Clove Hitch. You can cross the two outside poles to form the tripod.

Knots Used For The Lashings

Clove Hitch Here's a video to watch to learn how to tie this knot... http://www.animatedknots.com/cloveend/#ScrollPoint	Step 1. Begin with a round turn around the object and cross over 	Step 2. Make another turn 	Step 3. Pass the end under the second turn pull through and tighten 
Timber Hitch Here's some videos to watch to learn how to tie this knot... http://www.animatedknots.com/timber/ This is an animation you will find it near the bottom of the page http://www.angelfire.com/ia3/camping2/knots.htm#roundturntwohalfhit Here's an animation http://www.netknots.com/rope_knots/timber-hitch/	Step 1. Pass the end of the rope around the pole 	Step 2. Wrap the end around itself three times and tighten the knot so that the three turns are gripped against the pole. 