

# A GUIDE TO NET MAKING

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## Introduction

This guide enables one to make a simple net construction, that provides solutions to practical and fantastical needs. A net is a multi-function, permeable, portable surface that reroutes and reapplies movement.

Hozitional use : Bridging, Blocking, Reclining  
Vertical use: Access and Denial  
Tool use: Holding and Trapping

## Materials + Equipment

Construction:

Rope:  
soft braid multifilament polypropylene  
8mm (800 kgs breaking strain)  
Peg board  
Ply sheet 6mm 6 nails

Installment:  
Ladder  
Cordless Drill  
Closed eye expansion bolts

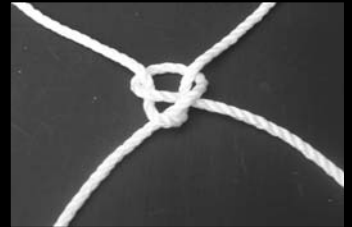
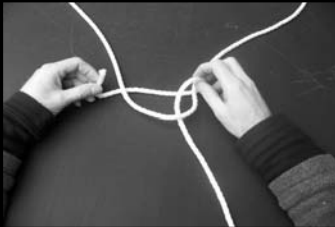
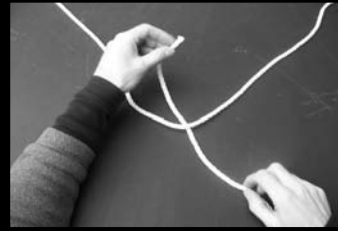
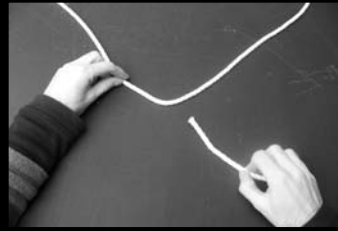
## Components



## Peg Board

Used to ensure continuity of the net cell sizes and to hold rope in position at the knots. We recommend a net cell size of 15cm by 15cm for climbing. Measure out, and mark two cells across. Hammer nails through & turn board over. The nails will act as the holding pegs, file off points if are sharp.

## The Netting Knot



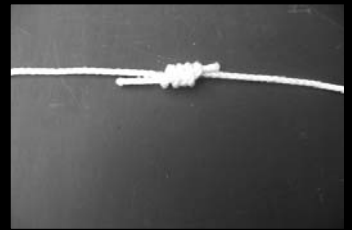
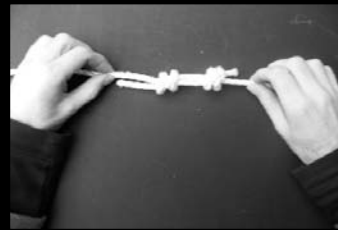
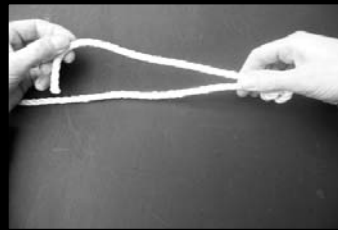
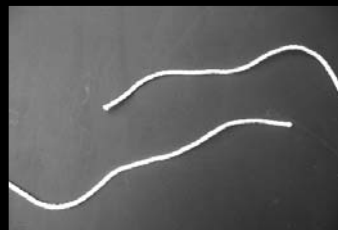
The Netting Knot is the fundamental construction element to net building. Follow example pictures step by step; tighten knot by pulling all points.

## The Fisherman's Knot

Used when more rope needs to be added. Add more rope when at the sides of the net, for a cleaner overall look.

Once completed first knot repeat the steps but direct the tail end in other direction

pull to tighten.



## Construction

Have a task and installment area in mind; measure size of installment area or estimate required size for task; divide into cell size (15 by 15) to get number of cells across and down. Keep record of calculations and assess progress by cell numbers .

Gather & tie rope into needle shape.

Use peg board guides, make first cell and tie first knot.

Tighten knot around the peg.

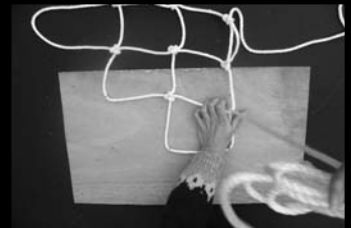
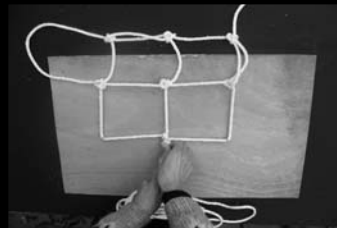
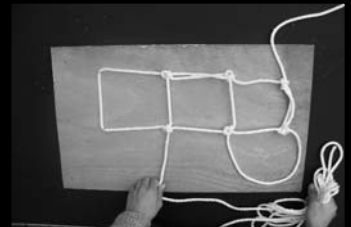
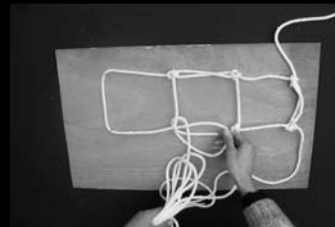
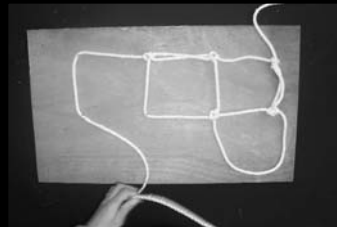
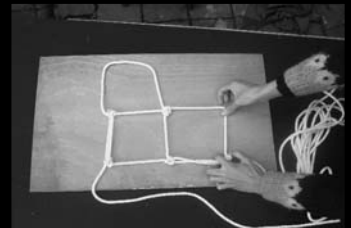
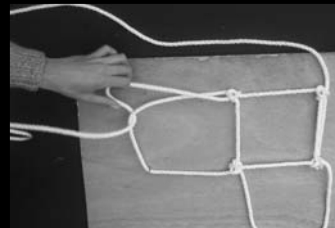
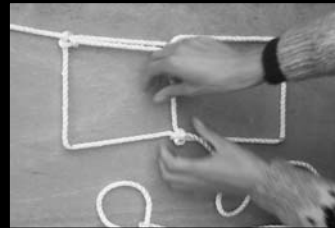
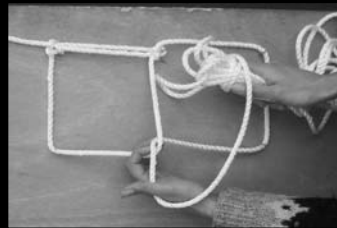
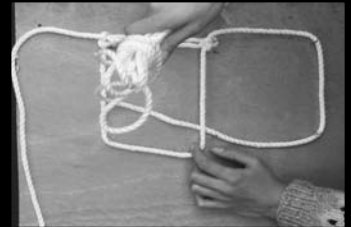
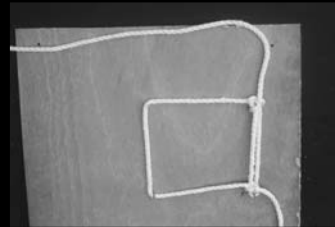
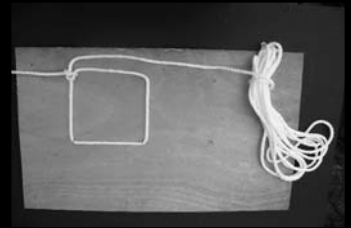
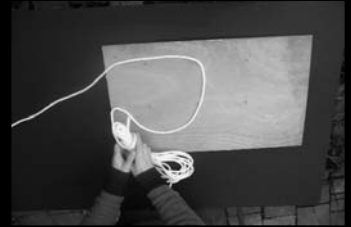
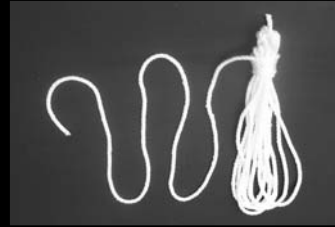
Double back and tie knot to proceed to next cell.

Reposition peg board, make cell and tie

Repeat until at next edge, then double back and tie knot again. Then work way back to other end.

The process is continuously repeated.

When you have correct number cells across cast off by double backing at edge and tying down.



## Installing

When installing, ensure that the area is fit to hold and take weight. Only use equipment that produces strength greater than required.

A rope line is to be weaved around the net border to support weight distribution.

On first install, the net should be secured by slowly tightening and tying to ensure the net does not warp. The tightening of the net will tighten all knots further into place.



## Examples

From top right to bottom right

Exiting / Entering /  
Reclining / Blocking /  
Bridging /

2004 /  
project REDNET#

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