

Prior learning

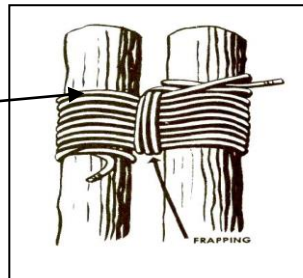
- Learn how to tie the following: clove hitch knot, half hitch knot, square lashings, a ridge line, and a prusik knot.
- Basic survival knowledge using knots.

Key knowledge I will understand

- Apply knowledge of clove hitch knots and square lashings in bushcraft activities.
- Use a range of knots when building shelters and understand their purpose (look at Forest School training knot sheet).
- Know how to do a sheer lashing.

Key vocabulary

- **Square lashings** – knots used to bind two poles together, usually (but not necessarily) at right angles.
- **Sheer lashing** – a sheer lashing is a knot used to bind two poles together. It is also used to create an A-frame by spreading the two poles apart after the knot is completed.
- **Clove hitch** – a clove hitch is two successive half-hitches around an object. The two loops should be cast in the same direction and then overlapped. You can then slide the loops over a post, if there is an open end.



Wild weaving loom

Picture frame

How I will develop my skills

Make a wild weaving loom or picture frame

- Firstly, you will need to collect four branches of roughly the same thickness. Hazel/ birch is a good option as the branches are quite straight and smooth. Using secateurs (refer to the tool safety policy) cut them to the same size.
- Tie a clove hitch around the vertical pole and pull the knot very tight.
- Begin the lashing of the two poles together by twisting the short end from the clove hitch around the long end of the rope.
- Next, wrap the rope over the front of the horizontal pole then around the back side of the vertical pole and over the front of the horizontal piece.
- Continue around the back side of the vertical pole, the front of the horizontal and back side of the vertical and front of the horizontal.
- Continue with this wrapping, alternately going over and under each pole for three turns.
- Tighten your wraps down by making two or more 'frapping turns' around the ropes.
- Finish the knot by making two or more half hitches next to the original wraps.

Make a star

- Start with 5 sticks of similar length.
- Shear lash two ends together.
- Continue adding the lengths together, using the same lashing technique, to make a W shape.
- Turn and thread the pieces so the two un-joined ends can be lashed together and a 5 point star shape be made.



Frame structure

- Build an Anderson shelter applying all knowledge of knots and lashings.

