

Some Plant Fibres



Cotton

Source

It is the fruit of the cotton plant (Cotton bolls).

Process of manufacture

The fruits after maturing burst out and the seeds appear. Cotton is picked by hand from these bolls. Later the fibres are separated from the seeds by a process called as ginning.

Uses

Cotton is a popular fabric in daily wear clothing. It is also used in filling mattresses, pillow and quilt.



Jute

Source

It is obtained from the stem of the jute plant.

Process of manufacture

At the flowering stage, the stem are immersed in water for few days. The stems rot and fibres can be separated by hand.

Uses

It is used in making gunny bags, foot wear and carpet.

Spinning Cotton Yarn

You must have observed during winters your mother before making pullovers make balls of wools by twisting the wool between the thumb and the forefingers. This process where we spin a yarn from fibres is called as spinning. This can be done by using devices like takli or charkha. It is also done by using machines.



Charkha



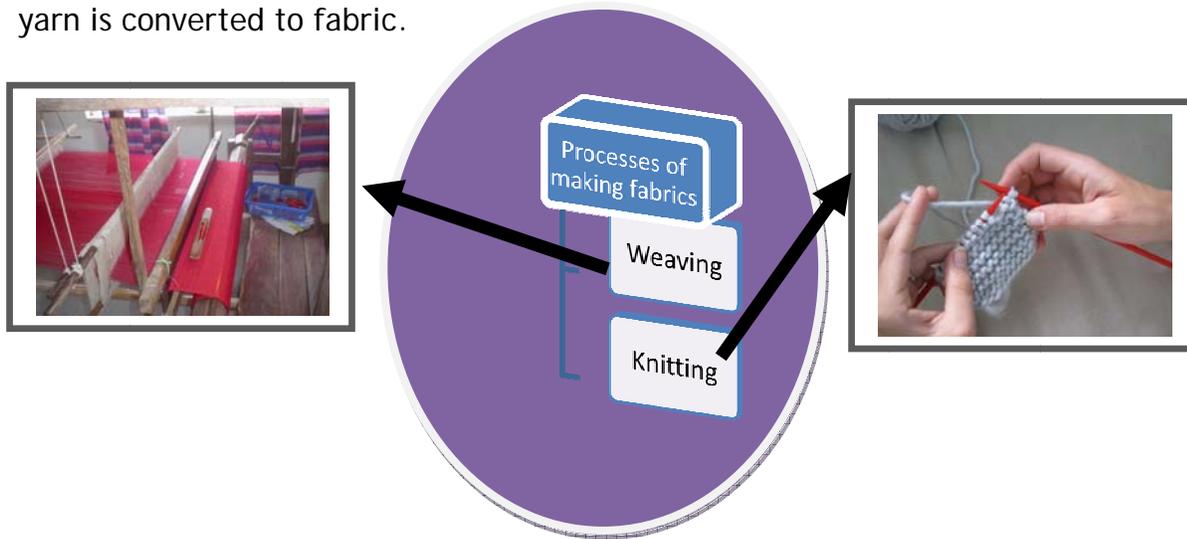
Hand Spindle



Spinning Machines

Yarn to fabric

We have till now studied how yarn is obtained from fibres. Let's now see how this yarn is converted to fabric.



Weaving - The process of arranging two sets of yarns together to make a fabric is called weaving. It is done on looms.

Knitting: The process of intertwining yarn or thread in a series of connected loops either by hands using needles or with the help of machines is called as knitting.

