

CBSE Notes

Class : 6

Science

Fibre :

A thin strands of thread ,or thin strands that make up the yarn called fibre.

Yarn :

Yarn is a thin strands thread it can be split into two thin strands, Yarn is made up of fibre . Or when fibre is twisted and spinned yarn are formed.

Fabric :

Fabric is made up of yarn or thread arrange together . Or when yarn are knitted or weaved they make fabric.

Weaving :

When two set of thread are used to make criss cross Pattern to make a fabric it's called weaving.

Spinning :

Fibre are spun to make yarn. Or the process of making yarn from fibre called spinning .

Natural fibre :

Those fibre obtained from plants and animals are called natural fibres.

Example : cotton, jute , silk , wool etc.

Synthetic fibres:

Synthetic fibres are man made fibre made up of chemical .

Example : polyester, nylon , acrylic etc.

Some plants fibre :

Cotton :

- Cotton plants usually grown in the black soil field and in the warm climate.
- The fruits of cotton plants called cotton ball when it's get mature and burst open the seeds cover with cotton fibre.
- From this cotton ball is picked by hand and cotton fibre is separate from cotton Seeds this process is known as ginning of cotton.

Jute :

- Jute fibre is obtained from the stem of jute plants.
- It is cultivated during the rainy season.
- Jute plants mainly grown in Bihar ,west Bengal , Assam .
- The stem rot and fibre are separated by hand. To make fabric all these fibre first converted into yarn .

Yarn to fabric :

There are two main process to make yarn into fabric such as weaving and knitting .

1) Weaving :

- When two set of thread are used to make criss cross Pattern to make a fabric it's called weaving.
- Weaving of fabric is done on looms.
- The looms are either hand operated or power operated.

2) Knitting :

- Knitting is single yarn used to make a place of fabric.
- Socks and many other clothing things is made up of knitting.
- Knitting is done by hand and also machine.

History of clothing material:

- People in ancient time used the bark and big leaves of tree or animals skin and fur to cover themselves.
- After people began to settle in agriculture communities , they learn to weave twigs and grass into mat and basket.
- The early Indian wore fabric made out of cotton that the grew in the region near the rivers Ganga .
- Flax is also a plant that give natural fibre.
- With the invention of sewing needle , people started stitching fabric to make clothes.