

28/4/20

SUB-SCIENCE

CLASS-VI

CHAPTER-3

Write in #1c

Q12. Name two items that are made from coconut fibre.

Ans. (i) Ropes (ii) Foot mats

Q13. Give name of some fabrics around your surroundings.

Ans. Blankets, Bed-sheets, table-clothes, towels and curtains etc.

Q14. What is knitting?

Ans. Knitting is a process in which a single yarn is used to make a fabric.

Q15. What are looms? How these are operated?

Ans. Weaving of fabrics take place in devices are called looms. These looms are operated either by hand or by electricity.

Q16. When we burn wool why its smell like burnt hairs?

Ans. The wool is made from hairs of sheeps and goats. That is why burning of wool smell likes burnt hairs.

Chapter finished

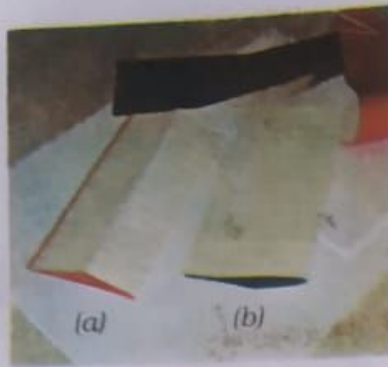


Fig. 3.12 Weaving with paper strips

Fig 3.12 (a) and on the other as shown in Fig.3.12 (b). Cut both the sheets along the dotted lines and then unfold. Weave the strips one by one through the cuts in the sheet of paper as shown in Fig.3.12 (c). Fig. 3.12 (d) shows the pattern after weaving all the strips.



Fig. 3.13 Handloom

In a similar manner, two sets of yarn are woven to make a fabric. The yarns are much thinner than our paper strips, of course! Weaving of fabric is done on **looms** (Fig. 3.13). The looms are either hand operated or power operated.

Knitting

Have you noticed how sweaters are knitted? In **knitting**, a single yarn is



Fig 3.14 Knitting

used to make a piece of fabric (Fig. 3.14). Have you ever pulled the yarn from a torn pair of socks? What happens? A single yarn gets pulled out continuously as the fabric gets unravelled. Socks and many other clothing items are made of knitted fabrics. Knitting is done by hand and also on machines.

Paheli wants to know if you have seen any fabrics that are made of the fibres on the outer covering of coconut. What are these fibres normally used for?



Weaving and knitting are used for making different kinds of fabric. These fabrics are used for a variety of clothing items.

3.6 HISTORY OF CLOTHING MATERIAL

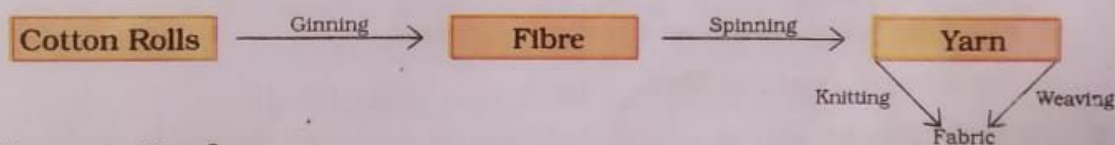
Have you ever wondered what materials people used in ancient times for clothes? It appears that in those times people used the bark and big leaves of trees or animal skins and furs to cover themselves.

After people began to settle in agricultural communities, they learnt to weave twigs and grass into mats and baskets. Vines, animal fleece or hair were twisted together into long strands. These were woven into fabrics. The early Indians wore fabrics made out of cotton that grew in the regions near the river Ganga. Flax

is also a plant that gives natural fibres. In ancient Egypt, cotton as well as flax were cultivated near the river Nile and were used for making fabrics.

In those days, stitching was not known. People simply draped the fabrics around different parts of their body. Many different ways of draping fabrics were used. With the invention of the sewing needle, people started stitching fabrics to make clothes. Stitched clothes have gone through many variations since this invention. But, is it not amazing that even today *saree*, *dhoti*, *lungi* or turban is used as an un-stitched piece of fabric?

Just as there is a large variety in the food eaten all over our country, a large variety exists also in fabrics and clothing items.



Key words

Cotton wool

Fabric

Fibre

Knitting

Spinning

Weaving

Yarn



Summary

- There is a variety of clothing material or fabric, such as, cotton, silk, wool and polyester.