

LESSON PLAN

SPECIFIC OBJECTIVES

- The students will learn about
- ✧ fibres and fabrics
 - ✧ natural fibres with special reference to animal fibres
 - ✧ wool–how wool is obtained from sheep
 - ✧ silk–how silk is obtained from silk moth
 - ✧ occupational hazards of wool and silk industries

TEACHING AIDS

Pictures/charts/models/animations on wool-yielding animals, shearing of sheep, scouring, carding, spinning, weaving of wool; wool, mark; life cycle of silk moth, obtaining silk fibre from cocoon.

LESSON PLAN

- ✧ Teacher will start the chapter by going through the points given in 'Know these points before you start' section.
- ✧ Teacher will define the terms fibre and fabric.
- ✧ Teacher will discuss different types of fibres.
- ✧ Teacher will define natural fibres, i.e., fibres obtained from plants and animals.
- ✧ Now, teacher will discuss the animal fibres, i.e., wool and silk.
- ✧ Teacher will discuss wool yielding animals with special reference to sheep, its rearing and breeding.
- ✧ Teacher will discuss in details the steps involved in obtaining wool from sheep.
- ✧ Teacher will discuss types of wool and occupational hazards of wool industry.
- ✧ Teacher will discuss wool production in the world.
- ✧ Now, teacher will ask students to solve Check Point 1.

- ✧ Teacher will discuss the discovery and sources of silk.
- ✧ Teacher will define life history of a silk moth and explain the process of obtaining silk from silk moth.
- ✧ Teacher will discuss occupational hazards of silk industry.
- ✧ Now, teacher will ask students to solve Check Point 2.
- ✧ Teacher will make students revise the new terms given under the head 'Know These Terms'.
- ✧ Finally, teacher will help students to solve the questions given in exercises under the head 'Practice Time' and 'Think Zone'.

BOOST UP

- ✧ Teacher should demonstrate and explain activities given in the chapter.
- ✧ Teacher should discuss the information given under the head 'Something More'.
- ✧ Teacher should discuss the conversation of Annu and Mannu given in between the topics.
- ✧ Teacher should discuss the facts given in the table.
- ✧ The teacher may ask students to collect samples of wool and silk fibres and pieces of clothes made with them.
- ✧ Students should be encouraged to collect more information on wool mark.
- ✧ Students should be encouraged to get information on different types of silk.

EXPECTED LEARNING OUTCOMES

The students know about

- ✧ fibres and fabrics.
- ✧ animal fibres and their kinds.
- ✧ rearing and breeding of sheep to get wool.
- ✧ discovery of silk and its production.
- ✧ life cycle of silk moth.
- ✧ occupational hazards of wool and silk industries.

EVALUATIVE QUESTIONS

The teacher may ask the following questions for evaluating the understanding of students.

1. Write the differences between fibres and fabrics.
2. Name two wool-yielding animals.
3. Which part of animals is wool obtained from?
4. What is meant by scouring?
5. Define sericulture.
6. Describe life cycle of silk moth.
7. How is silk obtained from cocoon?