

EXPERIENTIAL LEARNING

CLASS: VII

SUBJECT: SCIENCE

CHAPTER: 3 – FIBRE TO FABRIC

SUB – TOPIC: PROCESSING FIBRES INTO WOOL

NAME OF THE ACTIVITY: HANDS ON ACTIVITY – MAKING WOOL YARN FROM FIBRE

MATERIALS REQUIRED: Synthetic wool (used in soft toys), Comb with tooth apart, dye of different colours.

METHODOLGY OF ACTIVITY:

- Students will be asked to bring synthetic wool (used for stuffing soft toys) and other materials required.
- Students will be told that the synthetic wool is like the fleece which is sheared and scoured. Now they need to sort it out based on different colours and textures.
- Then they will be asked to remove small furs from those hairs.
- Then the hair will be coloured with different colours and dried by the students.
- After this, the students will be asked to comb the dyed fibres and roll it into yarn on a pencil.

Thus the students will learn the different steps of processing fibre into yarn.

1. Would you like to wear a sweater which is made of unsorted wool? Why?
2. Does shearing hurt the sheep?
3. Why is shearing done mostly during summer?

CURIOSITY QUESTIONS:

Why should we burn the wool to know whether it is natural or a synthetic wool?

ANSWER GUIDE:

- Which part of the sheep gives us wool?
- Is the smell of a burning hair similar to that of a natural wool or synthetic wool?