

Grade 6 Fibre to Fabric Worksheets

A. Classify the following fibres as natural or synthetic:

1. Nylon
2. Wool
3. Cotton
4. Silk
5. Polyester
6. Jute

B. State True or False:

1. Yarn is made from fibres.
2. Spinning is a process of making fibres.
3. Jute is the outer covering of coconut.
4. The process of removing seeds from cotton is called ginning.
5. Weaving of yarn makes a piece of fabric.
6. Silk fibre is obtained from the stem of a plant.
7. Polyester is a natural fibre.

C. Fill In The Blanks:

1. Plant fibres are obtained from and
2. Animal fibres are and
3. Jute requires soil for cultivation.
4. is used for making gunny bags.
5. Clothes made of synthetic fibres burn

D. Answer the following questions in short:

1. From which parts of the plant cotton and jute are obtained?
2. Name two items that are made from coconut fibre.
3. Explain the process of making yarn from fibre.
4. Distinguish between natural and synthetic fibres.
5. What do you understand by knitting?
6. Why are cotton clothes preferred in summer compared to synthetic clothes?

E. Tick (✓) the Correct Option:

1. A silkworm lives on leaves of
(a) mulberry plant
(b) mango plant
(c) palm plant
(d) strawberry plant

2. Which country is the birth place of silk?

- (a) India
- (b) China
- (c) USA
- (d) Australia

3. Which of the following is a synthetic fibre?

- (a) Nylon
- (b) Polyester
- (c) Terelene
- (d) All of these

4. Which of the following grows best in a black soil and warm climate?

- (a) Cotton
- (b) Flax
- (c) Jute
- (d) Coconut

5. The hand-operated machines used to weave cloth are called:

- (a) mills
- (b) powerlooms
- (c) handlooms
- (d) gins

F. Match the following:

'A'	'B'
1. Warp	a. Removal of gunny matter from the stem of a flax or jute plant by bacterial action in stagnant water.
2. Retting	b. The lengthwise yarn in the loom.
3. Ginning	c. The crosswise yarn in the loom.
4. Weft	d. Removal of seeds from cotton.

G. Name and explain the given process.



H. Science Puzzle:

There is a magic box. Find out the answer of given questions by moving your scale from left to right or up to down or diagonally.

1. Long, thin strands found in plants or animals
2. The material made by arrangement of yarn
3. Press and twisted bunch of fibres, larger and stronger
4. Type of yarn used for stitching by hand

Q	F	C	Y	I	J	K	L
A	B	F	A	B	R	I	C
T	D	I	R	E	F	G	N
H	H	B	N	A	B	C	D
R	B	R	W	X	W	Y	Z
E	A	E	E	F	S	U	V
A	H	J	L	A	N	O	P
D	G	I	K	M	D	K	R

I. India has been a major producer of cotton and its fabric. India exports cotton fabrics and items to many other countries. Find out, how it helps us.

J. DO you know that famous Sufi Saint and poet Kabir, was a weaver? Find out about his life and teachings.