

Science

Clothing

By :-

Ms Jyotika Guleria

What will we learn ?

Clothing

Fibres

Natural
1. Plants
2. Animals

Synthetic
/ Man-
made

Clothes as per Weather

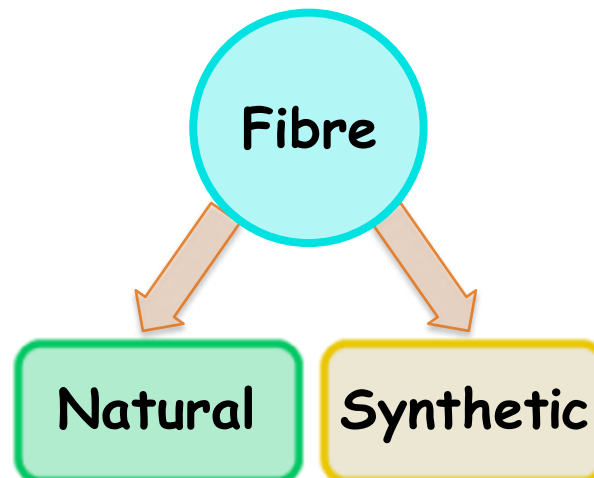
Hot
Weather

Cold
Weather

Rainy
Weather

Clothing

- ✦ We wear clothes to protect our body from:-
 - ◆ Weather - Sun's heat, cold, wind, rain.
 - ◆ Dust.
 - ◆ Insects.
- ✦ Clothes are made up of very fine threads called **fibres**.
- ✦ Fibres can be natural or man made / synthetic.



Clothing

Natural Fibres

- ✦ Fibres obtained from Plants and Animals are called natural fibres.
- ✦ Example: Cotton, Jute, Wool, Silk



Cotton



Jute

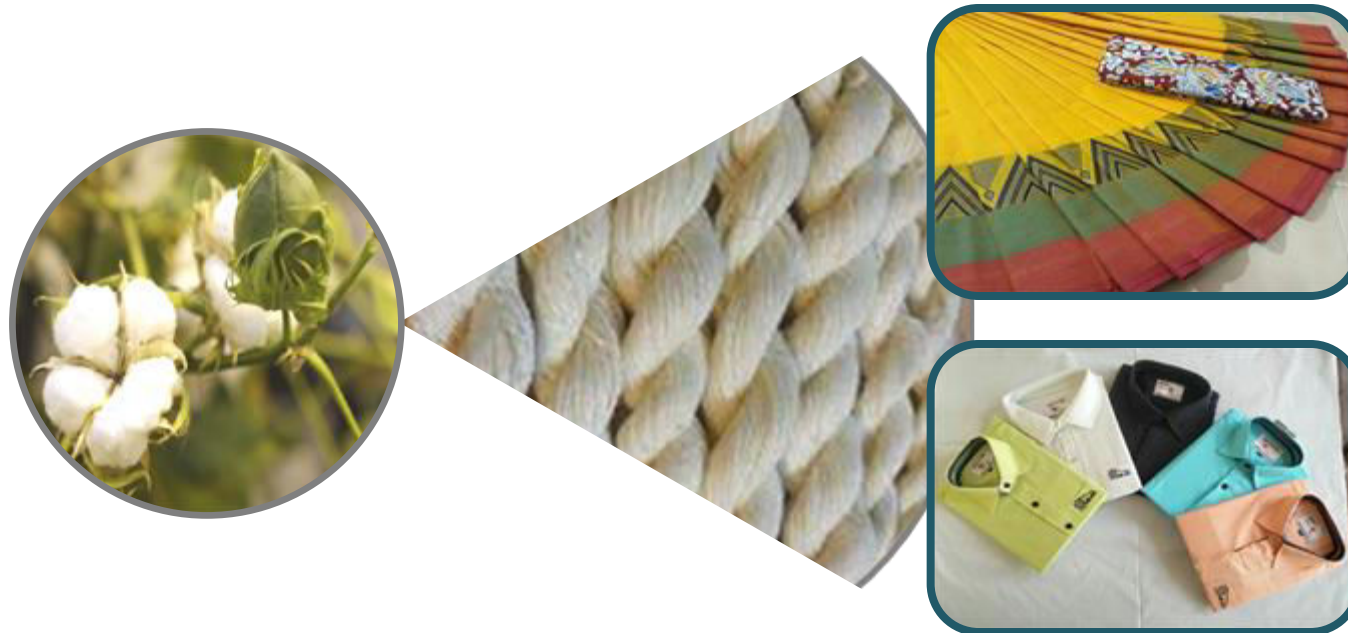


Natural Fibres

Fibres obtained from Plants

Cotton fibre

- ✦ Cotton fibre is obtained from cotton plant.
- ✦ It is used to make cotton clothes such as saree, shirt, trousers and skirt.



Natural Fibres

Fibres obtained from Plants

Jute fibre

- ✦ Jute fibre is obtained from Jute plant.
- ✦ It is used to make clothes and other items such as bags, mats and ropes.



Natural Fibres

Fibres obtained from Animals

Wool

- ✦ We get wool from sheep.
- ✦ It is used to make woollen clothes.



Natural Fibres

Fibres obtained from Animals

Silk

- ✦ We get silk from silkworm.
- ✦ Silk worm weaves a cocoon around it. Silk thread are obtained from these cocoons.
- ✦ It is used to make clothes such as sarees, shirts, scarves etc.



Natural Fibres

Fibres obtained from Animals

Fur

- ✦ Fur of some animals is used to make warm clothing like coats and sweaters.
- ✦ Example: Silver Fox, Sheep.



Clothing

Man-made Fibres

- ✦ Fibres manufactured by human beings are called man-made fibres.
- ✦ These are also called synthetic fibres.
- ✦ Example: Nylon, Polyester.



Clothing

Keywords

Fibres

Very fine threads used to make clothes.

Natural Fibres

Fibres that are obtained from plants and animals.

Synthetic / Man-made Fibres

Fibres that are made by human being.

Fur

Thick hair that grows on the bodies of many animals.

Clothes that suit the weather

Clothes in Hot weather

- ✦ We mostly wear light coloured cotton clothes.
- ✦ Light coloured clothes absorb less heat of the sun and therefore keeps body cool.
- ✦ Cotton clothes absorb sweat and keep the body cool.



Clothes that suit the weather

Clothes in Cold weather

- ◆ In cold weather:-
 - ◆ We wear dark coloured woollen clothes.
 - ◆ Dark coloured clothes absorb the sun's heat and keep the body warm.
 - ◆ Woollen clothes keep the body warm by not letting the body heat escape.



Clothes that suit the weather

Clothes in Snowy weather

- ◆ In very cold and snowy weather:-
 - ◆ People wear clothes made of fur to keep themselves warm.



Clothes that suit the weather

Clothes in Rainy weather

- ♦ In Rainy Weather:-
 - ♦ We wear clothes of water proof materials which do not absorb water.
 - ♦ These clothes also dry up quickly.
 - ♦ We also wear rain coats and carry umbrellas to protect ourselves from the rain.
 - ♦ Raincoats and umbrellas are made up of rubber or plastic which is water proof.



Think and Answer

Q: Why do we wear clothes?

- ✦ We wear clothes to protect our body from:-
 - ◆ Weather - Sun's heat, cold, wind, rain.
 - ◆ Dust.
 - ◆ Insects.

Think and Answer

Q: Describe different types of fibres along with examples.

✦ Fibres obtained from plants or animals are called natural fibres.

✦ Examples : Plant fibre - Cotton and Jute.

Animal Fibre - Wool and Silk.

✦ Fibres manufactured by human beings are called man-made or synthetic fibres.

✦ Examples : Nylon and Polyester.



Cotton



Jute



Wool



Silk



Nylon



Polyester

Think and Answer

Q: Describe different types of animal fibres.

♦ Different types of animal fibres are:-

♦ Wool.

- ♦ We get wool from sheep.
- ♦ It is used to make woollen clothes.

♦ Silk.

- ♦ We get silk from silkworm.
- ♦ Silk worm weaves a cocoon around it. Silk thread are obtained from these cocoons.
- ♦ It is used to make clothes such as sarees, shirts, scarves etc.



Think and Answer

Q: Describe different types of plant fibres.

♦ Different types of plant fibres are:-

♦ Cotton.

- ♦ Cotton fibre is obtained from cotton plant.
- ♦ It is used to make cotton clothes such as saree, shirt, trousers and skirt.

♦ Jute.

- ♦ Jute fibre is obtained from Jute plant.
- ♦ It is used to make clothes and other items such as bags, mats and ropes.



Think and Answer

Q: What are man made fibres? Give examples.

- ✦ Man made fibres are those fibres which are manufactured by human beings.
- ✦ These are also called as synthetic fibres.
- ✦ Examples : Nylon, Polyester.



Think and Answer

Q: What types of clothes are worn in summers?

- ✦ We mostly wear light coloured cotton clothes in summers.
- ✦ Light coloured clothes absorb less heat of the sun and therefore keeps body cool.
- ✦ Cotton clothes absorb sweat and keep the body cool.



Think and Answer

Q: What types of clothes are worn in rainy season?

- ✦ We wear clothes of water proof materials which do not absorb water.
- ✦ These clothes also dry up quickly.
- ✦ We also wear rain coats and carry umbrellas to protect ourselves from the rain.
 - ✦ Raincoats and umbrellas are made up of rubber or plastic which is water proof.

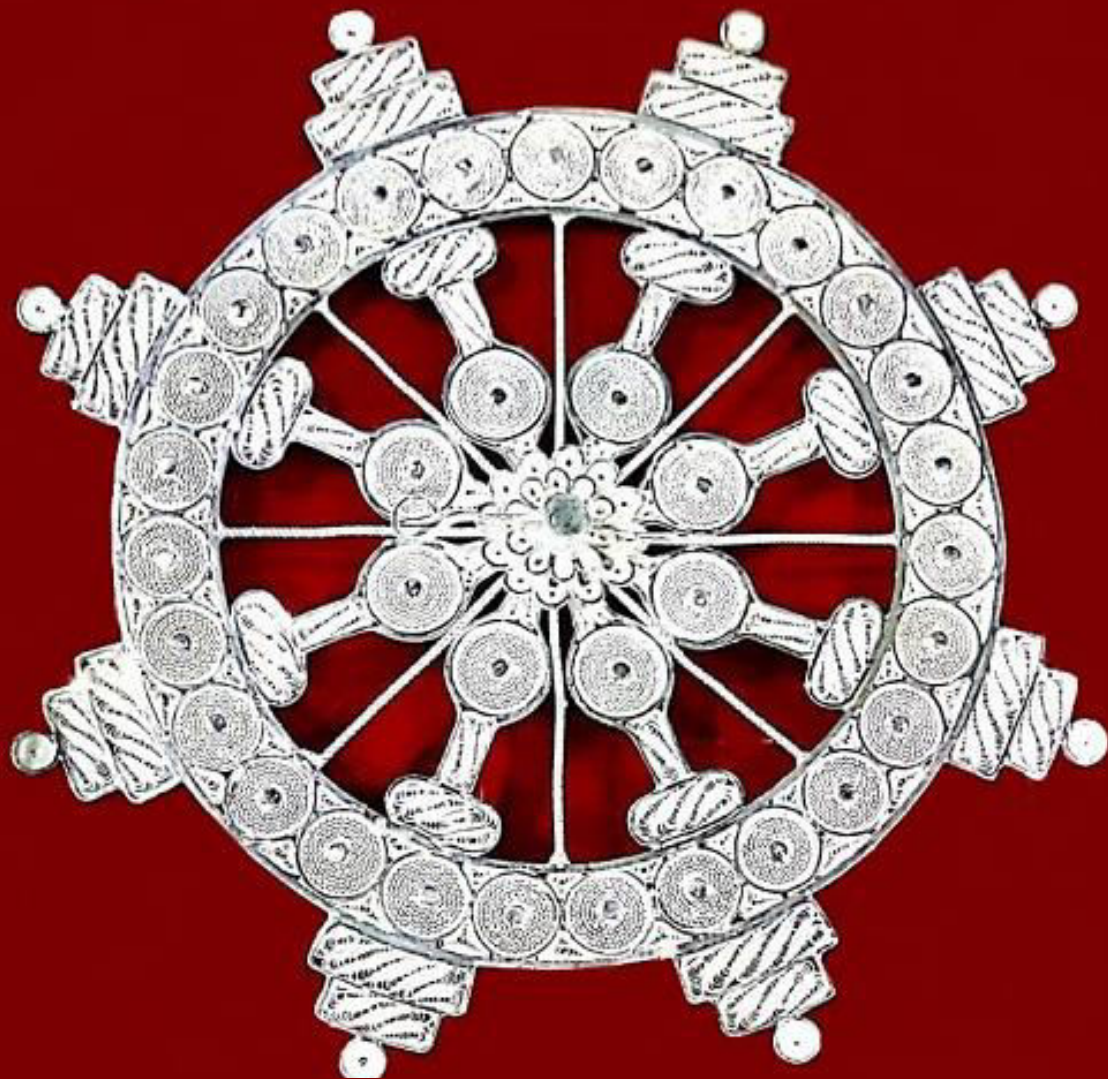


Think and Answer

Q: What types of clothes are worn in winters?

- ♦ In cold weather:-
 - ♦ We wear dark coloured woollen clothes.
 - ♦ Dark coloured clothes absorb the sun's heat and keep the body warm.
 - ♦ Woollen clothes keep the body warm by not letting the body heat escape.
- ♦ In very cold and snowy weather:-
 - ♦ People wear clothes made of fur to keep themselves warm.





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