

St. Andrews Scots Sr. Sec. School

9th Avenue, I.P. Extension, Patparganj, Delhi-110092

Session: 2022-2023

Class: IV Subject: Science Topic: Clothes- Our Protectors Lesson No: 4

- **Reading of the chapter**
- **Explanation (will be done in class)**

(Textbook exercise)

Section – A

- **A. Oral Questions**
 - 1. The fibres which are obtained from plants or animals.**
 - 2. We wear clothes to look smart and protect ourselves.**
 - 3. Clothes made from waterproof material like raincoats.**
- **B. Science Quiz**
 - 1. Natural fibres and synthetic fibres**
 - 2. Cotton and silk**
 - 3. Silkworm**

Worksheet

- **A. MCQs**
 - 1. warm**
 - 2. moth**
- **B. Circle the odd ones.**
 - 1. Moth (because others are used to protect the clothes from insects).**
 - 2. Wool (because others are synthetic fibres whereas wool is a natural fibre)**

- **C. Fill in the blanks:-**

1. protect
2. uniform
3. Nylon
4. detergent

Section – B

- **A. MCQ**

1. Dust and rain
2. Naphthalene balls

- **B. Very Short Questions**

1. Name two things used to keep the insects away from clothes.

Ans. Neem leaves and Naphthalene balls

2. Name two synthetic fibres.

Ans. Nylon and Polyester

(Notebook Work)

- **New Words**

1. Woollen
2. Material
3. Fabrics
4. Silkworms
5. Nylon
6. Polyester

- 7. Synthetic**
- 8. Chemicals**
- 9. Naphthalene**
- 10. Leather**

- **Defines**

- 1. Synthetic Fibres- Fibres made from chemicals by humans are called synthetic fibres.**

- **Short Question/Answers**

- 1. Which insects harm the clothes?**

Ans. Moth and Silverfish

- 2. Name the fibre obtained from animal. Name the animal also.**

Ans. Silk is obtained from silkworm. Wool is obtained from sheep.

Long Question/Answers

- 1. What type of clothes do we wear in summer and winter season? Why?**

Ans. (i) In Summers, we wear light- coloured linen or cotton clothes. They allow body heat to escape and keep our body cool.

(ii) During winters, we wear woollen clothes. Woollen clothes are made from wool and they keep us warm.

- 2. How should we take care of our clothes?**

Ans. We can take care of our clothes in the following ways:-

- (i) We should always use a good quality soap and detergent.**

- (ii) We should wash, dry and iron the clothes properly.
- (iii) We should wash woollen clothes with liquid detergents made especially for woollen clothes.
- (iv) We should give delicate and expensive woollen and silk clothes for dry cleaning.

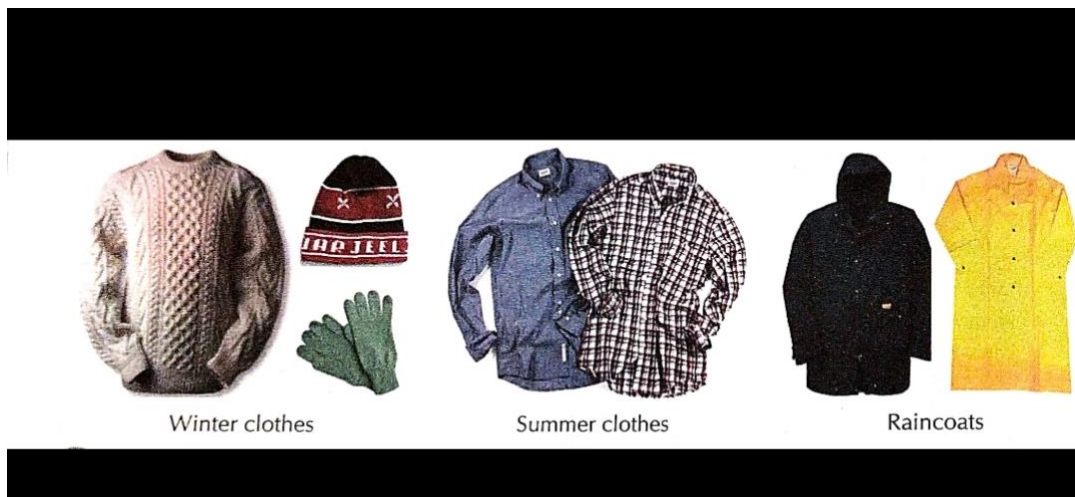
- **Give Reason**

1. Handkerchiefs are usually made up of cotton. Why?

Ans. Handkerchiefs are usually made up of cotton because cotton fibres have good absorption quality and they dry up easily.

- **Diagrams**

Clothes for summer, winter and rainy season.



- **Activity**

**Collect different types of cloth pieces and paste these in your scrapbook.
Also write the name of the fibre used.**

- **Dictation**

Any 10 words

2. Synthetic Fibres

Synthetic fibres are made from chemicals by humans and thus are also called human-made fibres. Nylon, polyester and rayon are examples of synthetic fibres.

The clothes made up of synthetic fibres are generally wrinkle-free. Some are waterproof and some dry very quickly. Synthetic fibres are stronger than the natural fibres.



DO You Know?

Leather and fur coats are made from skin of animals. They are worn in very cold places.

CARE OF CLOTHES

We can keep our clothes in good condition by taking proper care of them. We can take care of our clothes in the following ways:

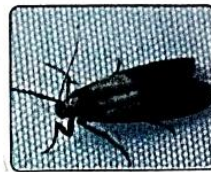
- We should always use a good quality soap and detergent.
- We should wash, dry and iron the clothes properly.
- We should wash woollen clothes with liquid detergents, made especially for woollen clothes.
- We should give delicate and expensive woollen and silk clothes for dry cleaning.
- We should wrap silk and woollen clothes in a cotton cloth and then store them with dried *neem* leaves or naphthalene balls to protect them from insects like moth and silver fish.



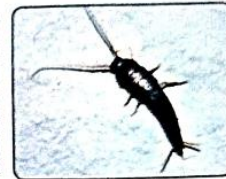
Naphthalene balls



Neem leaves



Moth



Silver fish

KEY WORDS

Natural fibres	: fibres obtained from plants or animals
Synthetic fibres	: fibres made from chemicals by humans



Points to Remember

- ▶ Clothes make us look smart and protect us in many ways.
- ▶ Fabrics are made by weaving the fibres.
- ▶ Clothes are made from natural and synthetic fibres.
- ▶ We should take care of clothes to keep them in good condition.

Exercises

(Use Cordova Smart Class Software on the smart board in class to do these exercises.)

SECTION - A

Class Response

A. Oral Questions:

1. What are natural fibres?

Fibres obtained from plants or animals

- Why do we wear clothes? *to look smart and protect ourselves*
 - Which type of clothes do we wear when we go out during rains? *clothes made from waterproof material like raincoat*
- Science Quiz:**
- Name two types of fibres. *Natural fibres and synthetic fibre.*
 - Name two natural fibres. *Cotton and Silk*
 - Name the insect from which silk is obtained. *Silkworm*

Worksheet

A. Multiple Choice Questions (MCQs):

- We wear woollen clothes to keep ourselves _____.
 (a) cool ☐ (b) warm ☐ (c) dry ☒
- Silk and woollen clothes have to be protected from insects like _____.
 (a) housefly ☐ (b) mosquito ☐ (c) moth ☒

B. Circle the odd ones. Give reason for your choice:

- neem leaves*, *naphthalene balls*, *moth*
because others are used to protect clothes
- wool*, *polyester*, *nylon*
because others are synthetic fibres

C. Fill in the blanks with the help of the given words:

- Clothes _____ *protect* us from the heat of the sun. (harm/protect)
- We wear _____ *uniform* in the school. (sari/uniform)
- _____ *Nylon* is a synthetic fibre. (Silk/Nylon)
- For proper care of clothes, we should always use a good quality _____ *detergent*. (detergent/tailor)

SECTION - B

A. Multiple Choice Questions (MCQs) Scientific/Practical skills:

- Clothes protect us from _____.
 (a) dust ☐ (b) rain ☐ (c) dust and rain ☒
- Which of the following should be kept in between woollen clothes to keep the insect away?
 (a) perfume ☐ (b) naphthalene balls ☒ (c) detergent ☐

B. Very Short Answer Questions:

- Name two things used to keep the insects away from clothes. *Neem leaves, Naphthalene balls*
- Name two synthetic fibres. *Polyester, Nylon*

C. Short Answer Questions:

- Which insects harm the clothes? *Moth and Silkworm*
- Name the fibre obtained from animal. Name the animal also. *Silk is obtained from silkworm*
- Rennie gives her old woollen clothes to the poor and needy. *Clothed*

