

CLASS 8th



_Date 21/05/20

SCIENCE


Lesson.3.materials in daily life


Read and learn the following-


There are two types of fibres – One is natural fibres which are obtained from natural sources e.g. Cotton, silk, wool and other is synthetic fibres which are man-made for example – rayon, nylon, acrylic etc.


II. A Synthetic Fibre is a chain of small units of chemical substance joined together. Many such single units combine to form single unit called Polymer. Polymer means made of many units joined together.

III. Types of Synthetic Fibre

 Rayon- Rayon is synthesized from wood pulp. Rayon resembles silk, so it is also known as artificial silk. Rayon can be dyed in different colours and is much cheaper than silk.

 Nylon- Nylon was first commercially synthesized fibre. Nylon is synthesized from coal, water and air. Nylon is very strong and its fabric is like silk.

 Polyester- Polyester, one of the most popular man-made fibres. It is made of repeating unit of a chemical called ester. It is widely used to make clothes.

 Acrylic- Acrylic is a man-made fibre. Acrylic is known as artificial wool or synthetic wool because it resembles wool. Acrylic is cheaper than natural wool and can be dyed in various colour. This makes acrylic is very popular among other fabrics.

SST

Chapter :- Understanding Modern Indian history

Q.1 What is Surveying? What information do they provide ?

Answer - Surveying is the process of preparing detailed maps of the country.

Revenue surveys were done during the British time in the villages to know about the topography, soil quality, flora, fauna, local history and the cropping pattern.

These Surveys provided information on the *size and distribution of population,*caste,religion and occupation and other important aspects which were which are available for the for use

2* what do the official records hide?

Answer - Official records try to favour and highlight the viewpoint of the Government and administrators but ignore the common peoples viewpoint, feelings, expect expectations pain and happiness.

ENGLISH

Answers of Exercise-4 (match it and do correction)

- a) It is said that respect is not demanded but given.
- (b) If it is so, then it should be in return for something.
- (c) Something that has come out of our self and that is self-respect.
- (d) Oliver Twist was born in a workhouse.
- (e) Nobody knew who his father was.
- (f) His mother died soon after his birth.

Copied down the notes given below on the chapter1 Sentences.

*Definition of Sentence

When one or more words are grammatically linked and bring out a complete sense, it is called a sentence.

For example:-

1. The Earth revolves around the Sun.
2. The cow gives us milk.
3. It is a hot day.

Kinds of Sentences:-

- | | |
|--------------------------------------|-------------------------|
| 1. Assertive or Declarative sentence | 2. Imperative sentence |
| 3. Interrogative sentence | 4. Exclamatory sentence |

And there are only three punctuation marks with which to end a sentence:

- | | | |
|---------|----------------|--------------------|
| *Period | *Question mark | *Exclamation point |
|---------|----------------|--------------------|

Sentences are of four kinds

1. Assertive or Declarative Sentence

These are the most common types of sentences. The assertive sentences make a statement. Such sentences end with a period (.).

- e.g. 1. I went to the market yesterday. 2. There is lots of snow in the winter. 3. Sparrow is a beautiful bird.

HINDI

Sanyukt vaakye kisi kehte hain, udhaaran dwaara samjha kar likhiye

For support material use [www. Google](http://www.google.com) , [YouTube](https://www.youtube.com), [diksha app](https://www.diksha.gov.in) [NCERT app](https://www.ncert.nic.in) etc.

PRAYAG PUBLIC SCHOOL
Class-8th, Ch- Cubes and Cube Roots
Topic - To find Cubes

Date 21-5-20

Q.1. Find the cubes of the following numbers:

(i) 13	(ii) 400
(iii) 0.3	(iv) -2.4
(v) $-\frac{4}{9}$	

Sol. (i) $(13)^3 = 13 \times 13 \times 13$
 $= 169 \times 13$
 $= 2197$

(ii) Cube of 400 $= (400)^3$
 $= 400 \times 400 \times 400$
 $= 160000 \times 400$
 $= 64000000$

(iii) Cube of 0.3 $= (0.3)^3$
 $= 0.3 \times 0.3 \times 0.3$
 $= 0.09 \times 0.3$
 $= 0.027$

(iv) Cube of -2.4 $= (-2.4)^3$
 $= (-2.4) \times (-2.4) \times (-2.4)$
 $= 5.76 \times (-2.4)$
 $= -13.824$

(v) Cube of $-\frac{4}{9}$ $= \left(-\frac{4}{9}\right)^3 = -\frac{4}{9} \times -\frac{4}{9} \times -\frac{4}{9}$
 $= -\frac{16}{81} \times -\frac{4}{9} = -\frac{64}{729}$