

Science Lesson ..3 Cleaning of food and separation of substances
Important terms...

1.pure substances

The substances having all the particles of same type are called pure substances.exp. crystal sugar , gold etc.

2.Mixtures

A mixture is a material made up of two or more different substances which are mixed but are not combined chemically.exp. soil, air

3.separation

Separation is the process of separating one or more components from a mixture. Example: distillation, sedimentation, filtration etc.

4.Handpicking

Handpicking is a method of separation used to separate large sized impurities like pieces of dirt, stone, and husk from wheat, rice or pulses.

5.Threshing

Threshing is the process of beating stalks to separate the grains from the harvested crop. It is done manually by farmers, or by threshing machines.

6.Winning

Method of separation used to separate heavier and lighter components of a mixture by wind or by blowing air.Normally, this is used to separate husk from grains.

7.Sieving

Sieving is a method of separation in which the mixture is passed through a filter or a sieve. The larger particles, usually the impurities, do not pass through the filter, and hence collect on the sieve.The finer particles flow past the sieve and can be collected below

8.Filtration

Filtration is the process of passing the mixture through a filter to remove the solid particles from the fluid components of the mixture

9.Sedimentation

When the heavier component in the mixture settles when water is added to it, the process is called sedimentation.

10.Decantation

Decantation is the process after sedimentation that involves removing the water, along with the impurities.

11.Condensation

The process of conversion of water vapour into its liquid form due to contact with a cooler surface is called condensation. Example: Formation of water droplets on a metallic lid while boiling water.

12.Evaporation

The process of conversion of water into its vapour is called evaporation.

13.Solution

A solution is a homogeneous mixture composed of two or more substances. In such a mixture, a solute is a substance dissolved in another substance, known as a solvent.

14.Saturated solution

A saturated solution is a chemical solution containing the maximum concentration of a solute dissolved in the solvent. For example, a saturated solution of salt in water is that in which no more salt can be dissolved. This added salt will just sediment down to the bottom of the vessel.

GEOGRAPHY CH -1 THE SOLAR SYSTEM AND THE EARTH . SHORT ANSWERS-

* Explain two features of the Universe .

Ans:- Two features of the universe are :-

1. Galaxy - A galaxy is a group of billions of stars and clouds of dust and gases held together by gravitational attraction.
2. Stars- Stars are huge heavenly bodies made up of hot gases. They have their own heat and light .

* What is solar system ? Name the components of our solar system .

Ans :- The solar system is the family of the sun . The Sun, eight planets , satellites, asteroids, Meteors and comets together form our solar system.

* Why is the earth called a unique planet ? Explain three points.

Ans :- The Earth is called a unique planet because :-

1. Temperature :- Being the third planet from the sun it is neither too hot nor too cold. This temperature is suitable for life .
2. Atmosphere - Its atmosphere is rich in oxygen which makes life possible on earth .
3. Water - There is an abundance of water in all three stages liquid , solid , and gas. The three fourth of the earth's surface is covered with water.

Maths assignment for class 6

1. Write all properties of Whole Numbers.
2. Do exercise 2.1 in Maths Fair copy.
3. Do Review exercise from page no.36

H. W. Class 6,

English Language Chapter 1, Sentences

Q1: Define Sentences with two examples.

Q2: Write all kinds of sentences.

Q3: Analyse the following and choose the meaningful sentences.

A) Sheela is an intelligent girl.

B) Rivers to back flow.

C) Which me want you?

D) I have a pet dog.

Q4: Correct the following sentences with the correct verb forms.

A) The horse were dancing to the tune in the circus.

B) Venu and Gopal is planning to go for the match.

Q5: Write parts of sentences with two examples each.

Answers

Ans1: A sentence is a group of words put together in a certain order giving a complete sense.

Example: 1; A boy is playing in the field.

2: Nehru was the first prime minister of India.

Ans 2: kinds of sentences_

1: Assertive/Statement/Declarative sentence.

2: Interrogative sentence

3: Imperative sentence

4: Optative sentence

5: Exclamatory sentence

Ans 3: a) Sheela is an intelligent girl.

b) I have a pet dog.

A) The horse was dancing to the tune in the circus.

B) Venu and Gopal are planning to go for the match.

Ans5: 1) Subject 2) predicate eg. A) My Mother loves tea.

Subject_ My Mother

Predicate_ loves tea

B) The baby is sleeping.

Subject_ The baby

Predicate_ is sleeping