

WATER IN OUR LIFE

Water and its importance:

For any living being, water is one of the essential necessities and we cannot imagine a life without water.

All plants and animals need water to survive. There can be no life on earth without water.

Why is water so important?

Because 60 percent of our body weight is made up of water. Water is the most important liquid we know. It is everywhere we look. Water is in the ground and in the air that we breathe .

All animals, plants and humans need water to survive . It also prevents the earth from becoming too hot or too cold. Water never disappears. We use the same water over and over again.

The earth's surface contains a very large amount of water. Nearly three-fourths of the earth's surface is covered with water. About 97 per cent of water is present in oceans and seas. This water has a very large amount of salts dissolved in it. Therefore, seawater cannot be used for human consumption.

The polar ice caps account for 3 per cent of the world's freshwater resources. But water cannot usually be consumed in the frozen state. Only 1 per cent of all the water on earth is fit for use by plants and animals. Therefore, this water is very precious to us and it should be used wisely.

Uses of water:

We use water in our houses for cooking, bathing and washing the dishes. Water is used to grow food. Industries and factories also use water. Fruits and vegetables must be cleaned before they can be processed and sold in supermarkets. Water is used for cooling in many areas, for example in steel production.

Water is important for our free time. People enjoy themselves at seaside resorts or on cruise trips.



Not all water is safe to drink or to take a bath in. Some of it needs to be cleaned or purified before we can use or drink it.

This is done in three basic steps:

- + Water first flows through a basin which has chemicals in it. The bacteria, mud and other dirty substances that are in the water stick to these chemicals and move down to the bottom of the basin.
- + Water then goes through a filter made up of sand and gravel. Other particles are then filtered out.
- + In the last phase, chlorine is added to the water. It kills the bacteria that somehow get through.

Dirty, used water is carried away through sewage systems. It often smells bad and has a lot of bacteria in it. Most cities have treatment plants that turn used water into clean water that can be used to irrigate fields.

Water is the most abundant substance on earth. Every living organism is dependent on water in some way. However, it's not only important to drink, but also for our daily lives.

Have you ever considered everything water does for you?

Water is very necessary for every living being on this earth. Living beings such as - humans, animals, trees, plants etc, are dependent on water.

Understanding your own needs and finding out what the average daily use of water in your area can help you know how much you should be using in your household.

Our bodies are made up of 60% water. This means that without water, we would perish. We need to drink water on a daily basis in order to stay hydrated and maintain our energy levels.

- ❖ Water is compulsory for our day-to-day life and water is also used as a form of main ingredient in cooking food. Without water, you should not be capable of cooking any type of food. Water is used in almost all dishes and it is a main component of the cooking food process. Water makes meat and vegetables delicate and tender. It is also used for making juice, tea, soup, and coffee.

- ❖ Water is very useful in cleaning. Everyone use water every day in our daily life to clean & wash such as - cleaning our hands, cleaning our house or cleaning our cars, vessel and washing clothes and curtains, etc.
- ❖ Agriculture also accounts for about 80% of all human use of fresh water to produce food, feed for animals and other farm products.
- ❖ Manufacturing daily usage materials like oil, soap, food, wood, paper, gasoline, metals, petroleum, and in agriculture water is used. In industries, water is used from the beginning of washing process to the final method of transportation.
- ❖ Drinking purpose: Water is an essential component of the body that helps maintain health and lead a balanced life.
- ❖ To generate electricity: It is used to generate electricity via the Hydroelectric approach. Hydroelectric converts mechanical energy into electricity by rotating turbines.
- ❖ Movement of goods and services: Transportation of goods and services through Water, including ships, boats and cargo contributes to the economy in diverse ways.
- ❖ Construction of building: Water plays an essential role in constructing a building that helps maintain the damage-free structure and is used in the concrete mixture.
- ❖ Aquatic Organisms: Water is a significant component of all marine organisms. Without water, none of the aquatic organisms exist.
- ❖ Recycle-Reuse: Water contributes the most to maintaining an eco-friendly and pollution-free environment.

Water is a renewable resource, making it one of the most important resources on the earth. It's also the most used natural resource on earth.

Measuring water:

Volume of water and other liquids is measured in litres and millilitres. The water tanks in some villages and most towns and cities have the capacity to store gallons of water. Gallon is also a measure of volume of liquids. Water level in the reservoirs is measured in feet. Water released from dams and projects during floods is measured in cusecs (cubic centimeters/sec).

