



Chapter-4 Lecture-2
Water for life

3. Safe water and unsafe water

Safe water:

We need safe water to drink for our daily life. Safe water is water such as boiled water, well-filtered water and tube-well water.

Unsafe water

Arsenic contaminated water:

Arsenic-contaminated water Some tube-wells in Bangladesh contain harmful substances like arsenic. Arsenic-contaminated water does not have a specific taste, odour or colour. Arsenic-contaminated water is not safe for people to drink or use. It may cause skin diseases and cancer.

How can we identify a safe tube-well from an unsafe tube-well?

The water from tube-wells marked in green is arsenic-free. It is safe water. This water can be used for drinking or cooking. The water from tube-wells marked in red is arsenic contaminated. It is not safe water. We should not use it for arsenic-contaminated.

4. Water pollution

Water pollution happens when harmful things get mixed into the water.

Causes of water pollution:

- a) Throwing trash, oil, and harmful waste into water cause water pollution.
- b) Having bath and washing clothes are also caused for water pollution.
- c) Harmful things from sewage, waste water from household or factories are responsible for water pollution.

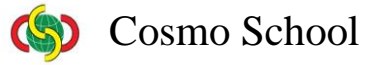
Effects of water pollution:

- a) Water pollution can cause of death animals
- b) Human is also affected by skin diseases and water borne diseases.

How can we prevent water pollution?

- a) We should not put any harmful thing in the water.
- b) We shouldn't put chemical fertilizer in our agricultural field.
- c) We should pick up trash from the beach, river and canal etc.

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Exercise-2

1.Fill in the blanks:

- a) _____ contaminated water is not safe for drinking.
- b) _____ marked tube well is safe for drinking.
- c) The water from red tube walls marked in red is _____ contaminated water.
- d) Sea water tastes _____.
- e) Diarrhoea, cholera and dysentery are some examples of _____ diseases.

2. Answer the following question answer:

- a) What is water pollution?
- b) How can we prevent water pollution?
- c) Write three causes of water pollution.
- d) Give some examples of water borne diseases.
- e) How can we identify a safe tube-well from an unsafe tube-well?