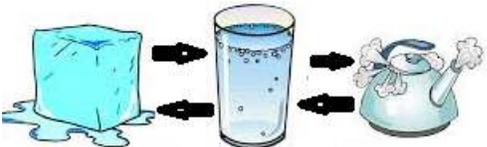
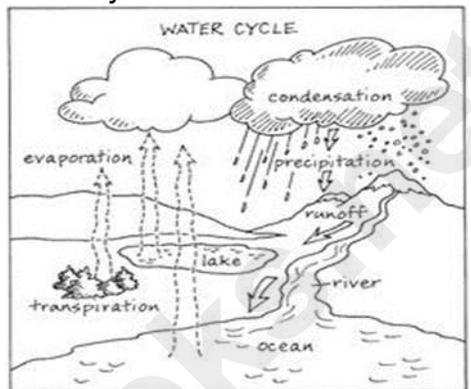


CLASS 6 ICSE CHEMISTRY WATER



Water exists in three states solid ice, liquid water and gaseous vapour
Sources of water on earth include
Surface water: oceans, rivers, seas, lakes, ponds
Underground water: wells, springs
Above surface: rainwater
Water is a universal solvent and can dissolve many substances

The continuous circulation of water from earth to atmosphere and back is called water cycle



PURIFICATION OF DRINKING WATER

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    graph TD
      A[PURIFICATION OF DRINKING WATER] --> B[Removal of suspended impurities]
      A --> C[Destruction of germs]
      B --> B1[sedimentation]
      B --> B2[loading]
      B --> B3[filtration]
      C --> C1[chlorination]
    
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Potable water: Water suitable for drinking. Should be clean, transparent, odourless, free of impurities, germs and should contain some dissolved minerals and gases to give it taste

Water pollution



Prevented by:
Proper collection and disposal of sewage
Proper treatment of industrial wastes to reduce effluents
Treatment of effluents before releasing into water

Water conserved by

- a. rainwater harvesting c. repair leaking taps d. Rainwater harvesting
- b. recycling waste water d. avoid wasting water e. Building dams