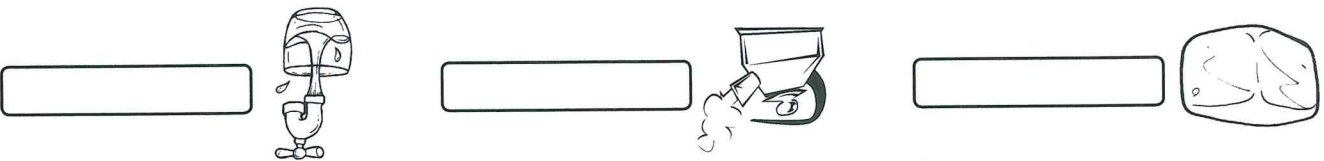


Water: Forms And Accessibility

Read the information and complete the tasks.

Water Forms – Water can be found in three main different states: solid (ice), liquid (water) and gaseous (steam or vapour). Fresh water is for drinking and salt water is from the ocean.

A. Label the different forms of water below. Use the words: solid, liquid and gaseous.



B. Complete the sentences.

Fresh water is: _____

Salt water is: _____

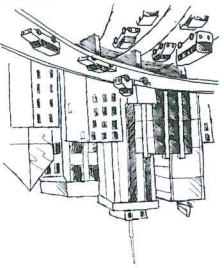


Water, is of course, essential for all aspects of human life.

Most people in the world have clean water for drinking and for irrigation on farms to produce their food, but accessing clean water is a major problem in the poorer areas of the world. Water pollution such as that found in parts of Asia can lead to dangerous bacterial diseases, such as E coli, which is life threatening. It is estimated that 1.8 million people die each year from water-related diseases. In Australia the water industry is regulated. The Water Corporation is responsible for delivering water to homes and businesses. This water must have gone through various processes such as: purification,

Due to the ever increasing population of Australia, two more ways of increasing our fresh water supply have been put into practice: desalination plants and the recycling of sewage water. Desalination plants remove the salt from ocean water and turn it into water for humans to drink and use in irrigation. Recycled sewage water is known as reclaimed water. Sewage is treated to remove solids and impurities, and in Australia it is then used in irrigation and to recharge groundwater (water naturally found under the ground). Singapore has been

one of the leading countries in the use of reclaimed water. Since the 1970s they have been advancing their technology and the amount of reclaimed water that they use. In Queensland in 2006, a trial to use reclaimed water was suggested by the Queensland water authority, however the Queensland people did not support it. As our population grows and our rainfall is unreliable people may need to become more open to the idea of using recycled water.



C. Circle the correct answers.

1. Ocean water can be converted into drinking water. FACT FICTION
2. Australia has problems with bacteria in its water. FACT FICTION
3. Reclaimed or recycled water uses sewage water. FACT FICTION
4. Water in solid form is called liquid. FACT FICTION
5. Purification, plumbing and filtering all treat water. FACT FICTION

D. How would you feel about drinking recycled sewage water, watering your garden with it and showering in it? Reflect and respond to this question on the back of this page or in your workbook. Before doing this, think about the claim that the population of Australia will increase from 22 million to 35 million over the next 20 years.