



Subject : Science

Grade 7

Week : 13th of 1st Term

Unit 4 – Functions of water(2)

➤ Uses of separating materials dissolved in water

Activity 4.2

You will need :-

A common salt solution, spirit lamp, a candle, a lid of a tin

Method:-

Put some common salt solution on to the lid and heat it as shown in Figure 4.4.

Use a tripod and a wine spirit lamp or an empty box of milk powder with a ventilator at the side and a lighted candle to heat it. Record your observations.

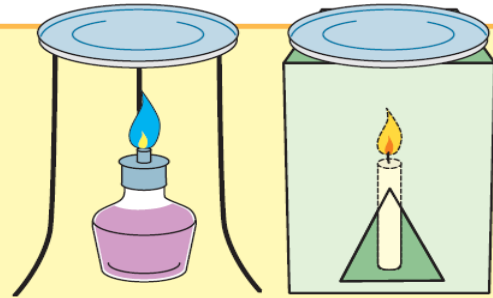


Figure 4.4 ▲

➤ Water as a coolant

Activity 4.3

You will need :- Two beakers of similar size, cotton, two thermometers

- Get two beakers of similar size. Put same amount of cotton wool into both beakers.
- As shown in the Figure 4.8 keep two thermometers inside the beakers and get the readings.
- Put a little amount of water on to cotton wool in one beaker and keep for a few minutes.
- Get the readings of the thermometers and compare the readings.

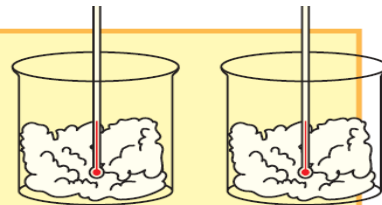


Figure 4.8 ▲

- Write down the uses of coolant property of water

.....

.....

.....

Assignment 4.6

- List out some other instances where water is used as a coolant

➤ Water as a medium of life

Assignment 4.7

- Prepare a wall paper about the living beings that use water as a medium of life. Divide them as plants, animals and micro organisms

Assignment 4.8

- Design a poster to illustrate the use of water as a medium.