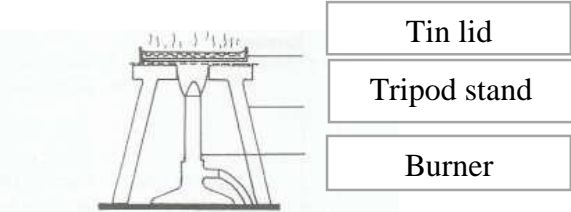


Strand	Matter
Sub Strand	Materials
Content Learning Outcome	Investigate the difference between the solutions, pure liquid, its importance and the effects on the environment.

Which Liquids are Solutions?

Experiment

Materials	Method and Conclusion
Tin lid Dropper Test tube with salt water Heating apparatus	<p>Using a dropper, put 2-3 drops of salt water onto the tin lid. Place the tin lid on top of the tripod and heat. Upon heating, the water evaporated and the salt was left behind on the tin lid. This means that salt and water when mixed, forms a salt solution. The material which is left after evaporating a solution is called residue. Evaporation is a liquid turning into vapour.</p>  <p>Conclusion: Salt water is a solution because there was a material left after evaporating the solution. Note: Refer to Basic Science textbook, page 72 for details of the experiment.</p>

Activity

Answer the following questions.

1. Name the materials used in the experiment above.
2. What is the conclusion of the above experiment?
3. Define the terms residue and evaporation.
4. Is salt water a solution? Give a reason.
5. What was the material left on the tin lid after the experiment?