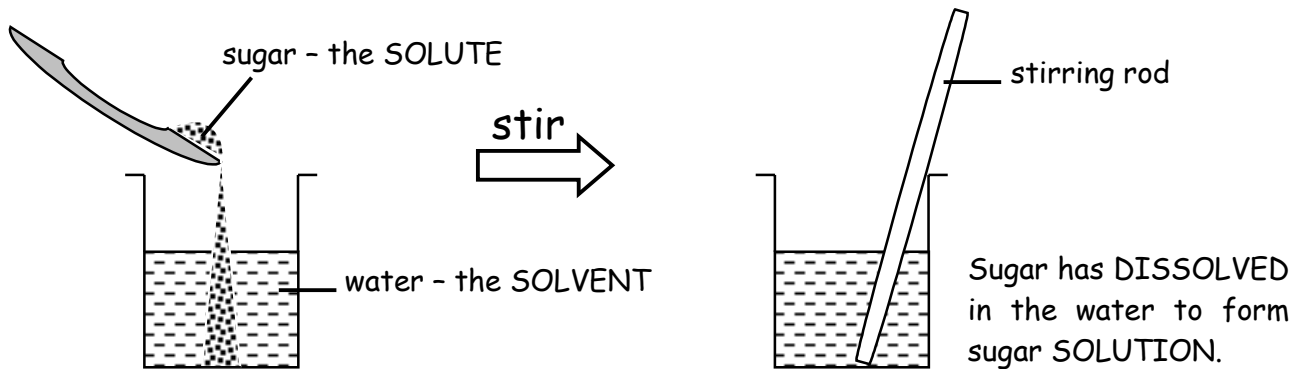


The diagrams below show how sugar can be dissolved in water.

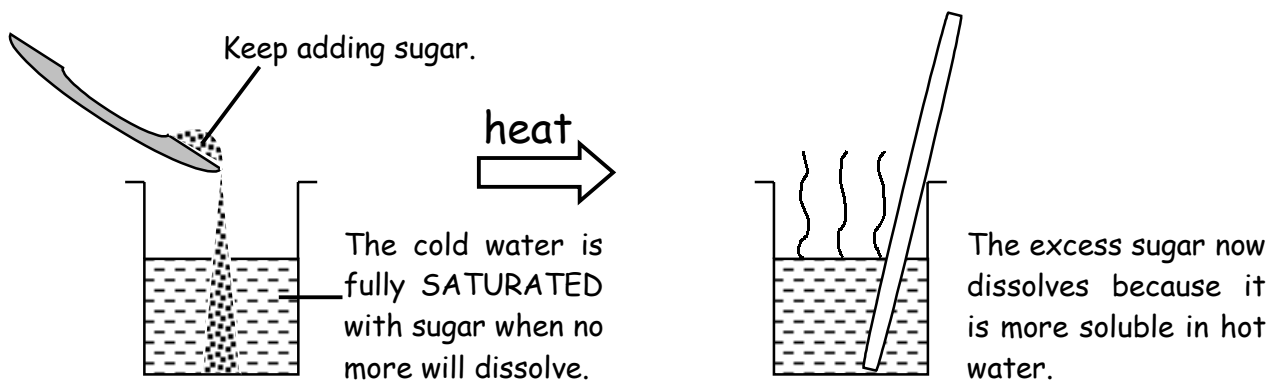


Exercise 1 - Fill in the missing words in the passage below.

If a solid in water we say that it is SOLUBLE. The substance that dissolves is called the SOLUTE and the liquid that it dissolves in is called the SOLVENT. Water is a good because many substances will dissolve in it. If you have been using paint you can not wash your brush in because the paint will not dissolve. The correct solvent for gloss paint is white

spirit solvent dissolves gloss water

The effect of temperature on solubility.



Exercise 2 - Complete the sentences below.

- 1) If you keep adding sugar to cold water you reach a point where no more sugar will _____
- 2) A solution that cannot dissolve any more solute is fully _____
- 3) Solids are _____ soluble in water as the temperature rises.