

Activity

5B

The Disappearing Act



Skills:

Sort materials by testing, recognise how to use identifying and classifying as a scientific enquiry

Materials:

Water

Four beakers

10 g of flour

Four teaspoons

10 g of salt

Jelly powder

10 g of sand

10 g of sugar

Method

- 1 Pour 100 ml of water into each beaker.
- 2 Put 10 g of flour into one beaker of water. Use the teaspoon to stir 20 times.
- 3 Repeat step 2 using salt, sand and sugar.
- 4 Observe if any solid can be seen after each mixture is stirred 20 times.
- 5 From your observations, how would you classify the four different solids?

Classify the four solids into two different groups in the table below.

Soluble _____	Insoluble _____
Salt Sugar Jelly powder	Sand Flour

Identifying and classifying is one of the five main types of scientific enquiry.



- 6 How can we separate the solutes from the solvents?

By Evaporation