

# What is Diffusion?

## Question:

What is Diffusion?

## Experiments:

To discover what is meant by diffusion.

## Materials:

### You will need:

- Perfume
- ink
- beaker
- pasteur pipette
- H<sub>2</sub>O

## Method:

1. **Perfume** - Spray perfume in one corner of the room and record how long it takes different pupils at different distances to smell it.
2. **Ink** - Put ink into a beaker of water using a pasteur pipette and watch the ink diffuse to colour the water.

## Result/Conclusion:

The ink/perfume diffused from an area where it was high in concentration to where it was in low concentration.

### *Find out more!*

Diffusion is the movement of molecules from an area of high concentration to an area of low concentration.