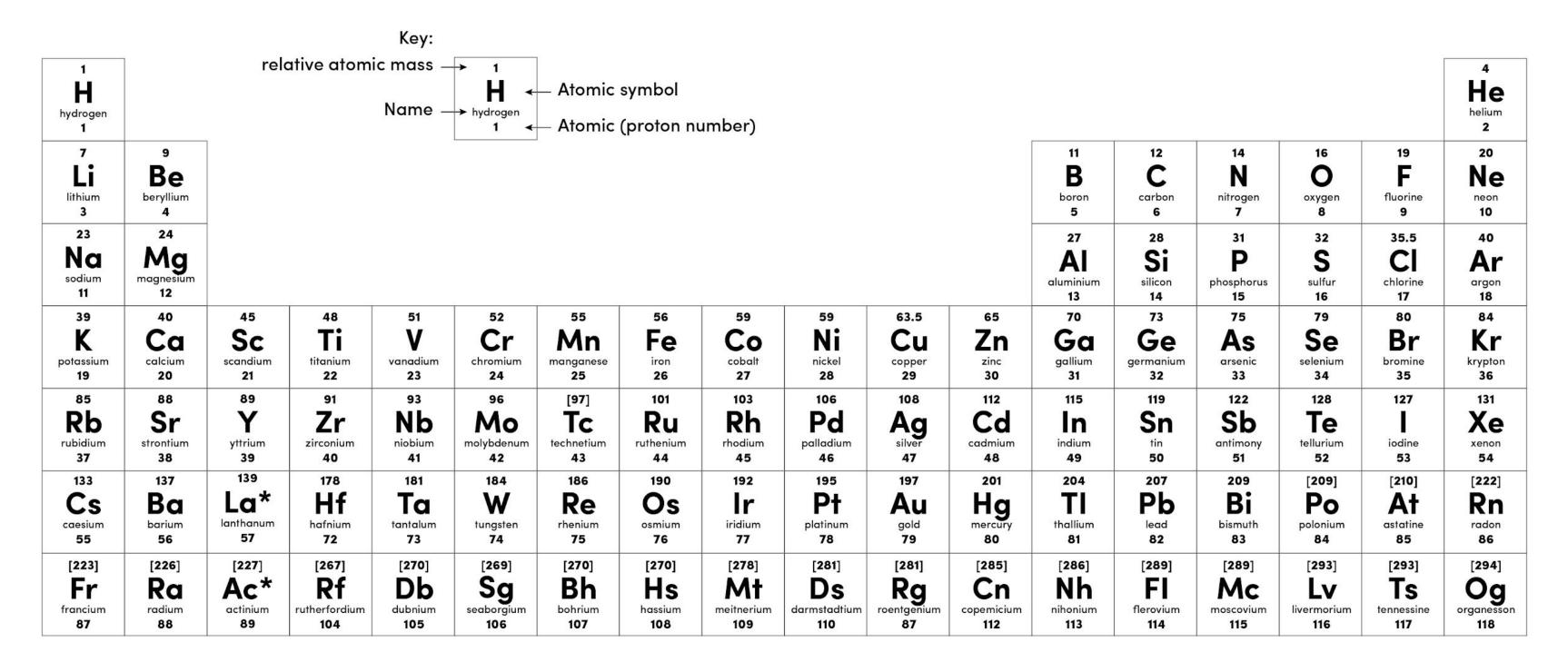
Combined Science - Chemistry - Key Stage 4 Atomic Structure & the Periodic Table

# Separation by distillation





#### **Periodic Table of Elements**





#### Independent practice

1. A student wants to separate a mixture of ink and water. The boiling point of ink is 55 °C. Describe the method that the student should use to separate this mixture.



## Independent practice

Explain why filtration cannot be used to separate a mixture of two liquids.



### Independent practice

Explain what happens to the movement, energy and arrangement of particles during the process of distillation.

