

# Key Stage 3 Precise Learning Points



**Unit Number**

C2

**Unit Title**

Particles & The Periodic Table

**Chapter**

Atoms & the Periodic Table

## Key Scientific Points

1. The smallest particle any substance can be broken down into using chemical means is called an atom.
2. There are 92 naturally occurring atoms each with a unique symbol beginning with a capital letter.
3. Elements are substances made from only one type of atom
4. Compounds are substances made by bonding different types of atom together
5. The periodic table organizes elements according to their properties.  
Elements in the same group (column) have similar chemical properties (they undergo the same reactions but at different rates).