

## **IGCSE Chemistry (9-1) Specification 1(d)**

### **(d) The Periodic Table**

#### **Students should:**

**1.18** understand how elements are arranged in the Periodic Table:

- in order of atomic number
- in groups and periods

**1.19** understand how to deduce the electronic configurations of the first 20 elements from their positions in the Periodic Table

**1.20** understand how to use electrical conductivity and the acid-base character of oxides to classify elements as metals or non-metals

**1.21** identify an element as a metal or a non-metal according to its position in the Periodic Table

**1.22** understand how the electronic configuration of a main group element is related to its position in the Periodic Table

**1.23** understand why elements in the same group of the Periodic Table have similar chemical properties

**1.24** understand why the noble gases (Group 0) do not readily react