

**Modified Enlarged 36pt**

**CAMBRIDGE OCR**

**June 2027**

**GCSE (9–1) Combined Science A  
(Gateway Science)**

**J250 03/04/09/10 Chemistry  
Data Sheet**

## **INSTRUCTIONS**

**Do NOT send this Data  
Sheet for marking. Keep it in  
the centre or recycle it.**

# The Periodic Table of the Elements

[illegible]

# ELEMENTS LISTED IN ATOMIC NUMBER ORDER:

| ATOMIC<br>NUMBER | NAME       | SYMBOL | RELATIVE<br>ATOMIC MASS |
|------------------|------------|--------|-------------------------|
| 1                | Hydrogen   | H      | 1.0                     |
| 2                | Helium     | He     | 4.0                     |
| 3                | Lithium    | Li     | 6.9                     |
| 4                | Beryllium  | Be     | 9.0                     |
| 5                | Boron      | B      | 10.8                    |
| 6                | Carbon     | C      | 12.0                    |
| 7                | Nitrogen   | N      | 14.0                    |
| 8                | Oxygen     | O      | 16.0                    |
| 9                | Fluorine   | F      | 19.0                    |
| 10               | Neon       | Ne     | 20.2                    |
| 11               | Sodium     | Na     | 23.0                    |
| 12               | Magnesium  | Mg     | 24.3                    |
| 13               | Aluminium  | Al     | 27.0                    |
| 14               | Silicon    | Si     | 28.1                    |
| 15               | Phosphorus | P      | 31.0                    |
| 16               | Sulfur     | S      | 32.1                    |

| ATOMIC<br>NUMBER | NAME      | SYMBOL | RELATIVE<br>ATOMIC MASS |
|------------------|-----------|--------|-------------------------|
| 17               | Chlorine  | Cl     | 35.5                    |
| 18               | Argon     | Ar     | 39.9                    |
| 19               | Potassium | K      | 39.1                    |
| 20               | Calcium   | Ca     | 40.1                    |
| 21               | Scandium  | Sc     | 45.0                    |
| 22               | Titanium  | Ti     | 47.9                    |
| 23               | Vanadium  | V      | 50.9                    |
| 24               | Chromium  | Cr     | 52.0                    |
| 25               | Manganese | Mn     | 54.9                    |
| 26               | Iron      | Fe     | 55.8                    |
| 27               | Cobalt    | Co     | 58.9                    |
| 28               | Nickel    | Ni     | 58.7                    |
| 29               | Copper    | Cu     | 63.5                    |
| 30               | Zinc      | Zn     | 65.4                    |
| 31               | Gallium   | Ga     | 69.7                    |
| 32               | Germanium | Ge     | 72.6                    |
| 33               | Arsenic   | As     | 74.9                    |
| 34               | Selenium  | Se     | 79.0                    |

| ATOMIC<br>NUMBER | NAME       | SYMBOL | RELATIVE<br>ATOMIC MASS |
|------------------|------------|--------|-------------------------|
| 35               | Bromine    | Br     | 79.9                    |
| 36               | Krypton    | Kr     | 83.8                    |
| 37               | Rubidium   | Rb     | 85.5                    |
| 38               | Strontium  | Sr     | 87.6                    |
| 39               | Yttrium    | Y      | 88.9                    |
| 40               | Zirconium  | Zr     | 91.2                    |
| 41               | Niobium    | Nb     | 92.9                    |
| 42               | Molybdenum | Mo     | 95.9                    |
| 43               | Technetium | Tc     |                         |
| 44               | Ruthenium  | Ru     | 101.1                   |
| 45               | Rhodium    | Rh     | 102.9                   |
| 46               | Palladium  | Pd     | 106.4                   |
| 47               | Silver     | Ag     | 107.9                   |
| 48               | Cadmium    | Cd     | 112.4                   |
| 49               | Indium     | In     | 114.8                   |
| 50               | Tin        | Sn     | 118.7                   |
| 51               | Antimony   | Sb     | 121.8                   |
| 52               | Tellurium  | Te     | 127.6                   |

| ATOMIC<br>NUMBER | NAME     | SYMBOL | RELATIVE<br>ATOMIC MASS |
|------------------|----------|--------|-------------------------|
| 53               | Iodine   | I      | 126.9                   |
| 54               | Xenon    | Xe     | 131.3                   |
| 55               | Caesium  | Cs     | 132.9                   |
| 56               | Barium   | Ba     | 137.3                   |
| 72               | Hafnium  | Hf     | 178.5                   |
| 73               | Tantalum | Ta     | 180.9                   |
| 74               | Tungsten | W      | 183.8                   |
| 75               | Rhenium  | Re     | 186.2                   |
| 76               | Osmium   | Os     | 190.2                   |
| 77               | Iridium  | Ir     | 192.2                   |
| 78               | Platinum | Pt     | 195.1                   |
| 79               | Gold     | Au     | 197.0                   |
| 80               | Mercury  | Hg     | 200.6                   |
| 81               | Thallium | Tl     | 204.4                   |
| 82               | Lead     | Pb     | 207.2                   |
| 83               | Bismuth  | Bi     | 209.0                   |
| 84               | Polonium | Po     |                         |
| 85               | Astatine | At     |                         |



| ATOMIC<br>NUMBER | NAME          | SYMBOL | RELATIVE<br>ATOMIC MASS |
|------------------|---------------|--------|-------------------------|
| 86               | Radon         | Rn     |                         |
| 87               | Francium      | Fr     |                         |
| 88               | Radium        | Ra     |                         |
| 104              | Rutherfordium | Rf     |                         |
| 105              | Dubnium       | Db     |                         |
| 106              | Seaborgium    | Sg     |                         |
| 107              | Bohrium       | Bh     |                         |
| 108              | Hassium       | Hs     |                         |
| 109              | Meitnerium    | Mt     |                         |
| 110              | Darmstadtium  | Ds     |                         |
| 111              | Roentgenium   | Rg     |                         |
| 112              | Copernicium   | Cn     |                         |
| 114              | Flerovium     | Fl     |                         |
| 116              | Livermorium   | Lv     |                         |



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