**Chemistry Unit C1: Structures, Trends, Chemical Reactions, Quantitative Chemistry and Analysis**

**C1.5 Symbols, formulae and equations**

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| **Content - CCEA Double Award Chemistry 1 – Fort Hill Integrated College** | Got it | Nearly | Haven’t a clue |
| **C1.5 Symbols, formulae and equations** | | | |
| Can you recognise symbols and names for common elements and recall the diatomic elements; |  |  |  |
| Can you interpret chemical formulae by naming the elements and stating the number of each type of atom present; |  |  |  |
| Can you write chemical formulae of compounds; |  |  |  |
| Can you demonstrate understanding that chemical reactions use up reactants and produce new substances called products; |  |  |  |
| Can you construct word equations to describe the range of reactions covered in this specification; |  |  |  |
| Can you recognise that in a chemical reaction no atoms are lost or made but they are rearranged, and as a result we can write balanced symbol equations showing the atoms involved; |  |  |  |
| Can you write balanced symbol equations for all reactions covered in this specification and for unfamiliar chemical reactions when the names of the reactants and products are specified; |  |  |  |
| **Can you** **write balanced ionic equations for reactions, including reactions covered in this specification;** |  |  |  |
| **Can you** **write half equations for reactions covered in this specification where appropriate;** |  |  |  |
| Can you demonstrate knowledge and understanding that in chemical equations the three states of matter are shown as (s), (l) and (g), with (aq) for aqueous solutions, and include appropriate state symbols in equations for the reactions in this specification. |  |  |  |