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| **What will we be learning?**  C1 – Atomic Structure and the Periodic Table | **Why this? Why now?**  Chemistry – All – fundamental chemical concepts  Biology - none  Physics - All – maths skills and equations  Chemistry & Trilogy | **Key Words:**  Atom  Molecule  Element  Compound  Mixture  Proton  Neutron  Electron  Nucleus  Energy level  Atomic number  Atomic mass  Group  Period  Metal  Non metal  Reactivity |
| **What will we learn?**  RAM = (Mass of isotope 1 x abundance) + (mass of isotope 2 x abundance)  total abundance  Common Misconceptions:  Compounds and mixtures  Relative atomic mass  Relative formula mass  Electron configuration | |
| **What opportunities are there for wider study?**  Collins Revision guide relevant pages for this unit:  Higher – P88-93, 110, P128-129  Foundation – P88-93, 108, P124-125  Industrial chemistry Research chemist Chemical engineer  Analytical chemistry Make-up chemist Materials chemist  Drug manufacturing Formula 1 technician – fuels and energy | |
| **How will I be assessed?**  Deep Marking Task Title for this unit: Atomic Model Timeline  Required Practical(s) for this unit: None | |