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| **What will we be learning?**C1 – Atomic Structure and the Periodic Table  | **Why this? Why now?**Chemistry – All – fundamental chemical conceptsBiology - nonePhysics - All – maths skills and equationsChemistry & Trilogy | **Key Words:**AtomMoleculeElementCompound MixtureProtonNeutron ElectronNucleusEnergy levelAtomic numberAtomic massGroupPeriodMetalNon metalReactivity |
| **What will we learn?**RAM = (Mass of isotope 1 x abundance) + (mass of isotope 2 x abundance) total abundanceCommon Misconceptions:Compounds and mixtures Relative atomic mass Relative formula massElectron configuration |
| **What opportunities are there for wider study?**Collins Revision guide relevant pages for this unit:Higher – P88-93, 110, P128-129Foundation – P88-93, 108, P124-125Industrial chemistry Research chemist Chemical engineer Analytical chemistry Make-up chemist Materials chemistDrug manufacturing Formula 1 technician – fuels and energy |
| **How will I be assessed?**Deep Marking Task Title for this unit: Atomic Model TimelineRequired Practical(s) for this unit: None |