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| **What will we be learning?**  C8 – Chemical Analysis | **Why this? Why now?**  Chemistry – Atomic Structure, Chemical Changes  Biology – Organisation, Bioenergetics  Physics -  Separate Chemistry | **Key Words:**  Pure  Mixture  Formulation  Soluble  Insoluble  Chromatography  Rf Value  Lit Splint  Glowing Splint  Limewater  Litmus Paper  Cation  Anion  Precipitate  Flame Emission Spectroscopy |
| **What will we learn?**  Rf =  Common Misconceptions:  A pure substance is not the same in the “real world” as it is in Chemistry | |
| **What opportunities are there for wider study?**  Collins Revision guide relevant pages for this unit:  P84-86, P104, P110-111  Fine fragrance Analytical Chemist Household Goods Scientist  NMR Technician Nanotoxicologist Olympic Blood and Drug Analyst  Water Analysis Chemist Atmopsheric Chemist Forensic Investigator | |
| **How will I be assessed?**  Deep Marking Task Title for this unit: Required Practical Testing for Ions  Required Practical(s) for this unit: Chromatography and Testing for Ions | |