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| **What will we be learning?**  **C8 – Chemical Analysis** | **Why this? Why now?**  **GCSE Course:**  Trilogy Chemistry  **What other GCSE Science units does this unit relate to?**  Chemistry – Atomic Structure, Chemical Changes  Biology – Organisation, Bioenergetics  Physics - | **Key Words:**  Pure  Mixture  Formulation  Soluble  Insoluble  Chromatography  Rf Value  Lit Splint  Glowing Splint  Limewater  Litmus Paper |
| **What will we learn?**  **Useful equations/formulae/maths skills for this unit:**  Rf =  **Misconceptions in this topic**  A pure substance is not the same in the “real world” as it is in Chemistry | |
| **What opportunities are there for wider study?**  **If you are interested in this unit, what careers does it relate to?**  Fine fragrance evaluator, Analytical Chemist, Household Goods Scientist, NMR Technician, Nanotoxicologist, Olympic Blood and Drug Analyst, Water Analysis Chemist, Atmopsheric Chemist, Forensic Investigator  **Collins Revision guide relevant pages for this unit:**  Foundation - P136, 151, 169  Higher – P140, 155, 175 | |
| **How will I be assessed?**  **Deep Marking Task Title for this unit:** Required Practical Chromatography | |