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| **What will we be learning?**  **C10 Using the Earth’s Resources** | **Why this? Why now?**  Chemistry – Bonding and structure, energy changes, Rate and extent of Chemical Change  Biology – earth’s resources  Physics – energy  GCSE Chemistry | **Key Words:**  Metal  Reactivity series  Oxidation  Reduction  Sustainable  Renewable  Finite  Potable  Chlorination  Fluoride  Reduce  Reuse  Recycle  Life Cycle Assessment |
| **What will we learn?**  Haber process N2 + 3H2 ⇌ 2NH3  Common Misconceptions:  Life cycle assessments and their uses  Extraction methods of Copper | |
| **What opportunities are there for wider study?**  Collins Revision guide relevant pages for this unit:  Higher – p146-177  Flavourist Toxicologist Sustainability Chemist  Sports Science Solar Lab technician Teacher  Household Substance Chemist Consumer Product Chemist | |
| **How will I be assessed?**  Required Practical(s) for this unit: Potable Water | |