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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 ChangeBiology – earth’s resourcesPhysics – energyGCSE Chemistry | **Key Words:**Metal Reactivity seriesOxidationReductionSustainableRenewableFinitePotable ChlorinationFluorideReduceReuseRecycleLife Cycle Assessment |
| **What will we learn?**Haber process N2 + 3H2 ⇌ 2NH3Common Misconceptions:Life cycle assessments and their usesExtraction methods of Copper |
| **What opportunities are there for wider study?**Collins Revision guide relevant pages for this unit:Higher – p146-177Flavourist Toxicologist Sustainability Chemist Sports Science Solar Lab technician TeacherHousehold Substance Chemist Consumer Product Chemist |
| **How will I be assessed?**Required Practical(s) for this unit: Potable Water |