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| **What will we be learning?****C10 Using the Earths Resources** | **Why this? Why now?****Previous learning** Chemistry of the atmosphere**What other GCSE Science units does this unit relate to?**Chemistry – Bonding and structure, energy changes, chemistry of the atmosphereBiology – earths resources and ecologyPhysics – energy | **Key Words:**Metal Reactivity seriesOxidationReductionSustainableRenewableFinitePotable ChlorinationFluorideReduceReuseRecycleLife Cycle Assessment |
| **What will we learn?*** Using the Earths resources and obtaining potable water
* Life cycle assessments and recycling

**Required practical for this topic**Analysis and purification of water samples from different sources, including pH, dissolved solids and distillation.**Misconceptions in this topic**Difference between potable water, ground water, fresh water and waste waterUse of information from life cycle assessments |
| **What opportunities are there for wider study?****If you are interested in this unit, what careers does it relate to?**Flavourist Toxicologist Sustainability Chemist Sports Science Solar Lab technician TeacherHousehold Substance Chemist Consumer Product Chemist**Collins Revision guide relevant pages for this unit:**Foundation – p146-177Higher – p146-177 |
| **How will I be assessed?**End of topic assessment |