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| **What will we be learning?**C9- Chemistry of the Atmosphere | **Why this? Why now?****Previous learning** **What other GCSE Science units does this unit relate to?**Chemistry – Using resources, Chemica changesBiology – Ecology  | **Key Words:**AtmospherePhotosynthesisInfraredGreenhouse gasesMethaneWater vapourCarbon dioxideCarbon footprintPollutantAcid rain Sulfur dioxideNitrogen oxides |
| **What will we learn?*** The composition and evolution of the Earths atmosphere
* Carbon dioxide and methane as greenhouse gases
* Common atmospheric pollutants and their sources

**Common Misconceptions:**The Early AtmosphereGreenhouse gasCarbon footprintGlobal climate change |
| **What opportunities are there for wider study?****If you are interested in this unit, what careers does it relate to?**Industrial chemistry Research chemist Environmental chemistry Analytical chemistry Materials chemistDrug manufacturing Formula 1 technician – fuels and energyCollins Revision guide relevant pages for this unit: page 142- 145 |
| **How will I be assessed?**End of topic assessment |