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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 changes  Biology – Ecology | **Key Words:**  Atmosphere  Photosynthesis  Infrared  Greenhouse gases  Methane  Water vapour  Carbon dioxide  Carbon footprint  Pollutant  Acid rain  Sulfur dioxide  Nitrogen 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 Atmosphere  Greenhouse gas  Carbon footprint  Global 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 chemist  Drug manufacturing Formula 1 technician – fuels and energy  Collins Revision guide relevant pages for this unit: page 142- 145 | |
| **How will I be assessed?**  End of topic assessment | |