



## Chemistry of the Atmosphere

Specification statement	Self-assessment		
	First review 4-7 months before exam	Second review 1-2 months before exam	Final review Week before exam
These are the bits the exam board wants you to know, make sure you can do all of these...			
I can state the different proportions of the gases in the current atmosphere	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can state that the Earth's atmosphere has changed over time	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can describe that changes that have led to the evolution of today's atmosphere	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can explain how the levels of oxygen increased	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can explain how the levels of carbon dioxide decreased	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can state the greenhouse gases	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can describe how these gases interact with radiation	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can describe the effect an increased level of these gases in the atmosphere has on the climate	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can recall which activities contribute to increased levels of greenhouse gases in the atmosphere	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can recall what the predictions are for the effect of greenhouse gases of future temperature levels	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can discuss the limitations of scientific models	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can define the term carbon footprint	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can list the major sources of atmospheric pollution	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can describe the effects that carbon dioxide has on the atmosphere	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can describe the effects that sulfur dioxide has on the atmosphere	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can describe the effects that water vapour has on the atmosphere	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can describe the effects that carbon monoxide has on the atmosphere	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can describe the effects that nitrogen oxides have on the atmosphere	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can describe the effects that carbon particles have on the atmosphere	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can describe the effects that pollution has on humans, animals and plants	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹

