Composition of the atmosphere

1. Drag the words or phrases and drop them in the correct gap to complete the information about the atmosphere.

	ultra violet		**trace**	
pollution	**pollutants**	**permanent**	**ozone**	**oxygen**
nitrogen	**gravitational**	**gases**	**fossil fuels**	
		dust	**cycles**	**cooled**
	change	**carbon dioxide**	**atmosphere**	
argon	**aerosols**	**activity**	**5.6**	

The atmosphere is a layer of ---------- held to the Earth by -------- force. 50% of the atmosphere lies within ---------- km of the Earth's surface due to gravity and compression. .

As the planet ---------- after it was formed gases were released and the ---------- began to form.

The two most abundant gases in the atmosphere are ---------- (mostly product of volcanic eruption) and ----------. They are called ---------- gases. The remaining 1% is formed by water vapour, --------- (an inert gas), ---------- (cycled through photosynthesis, respiration and burning of ----------), and ---------- (which protects us from harmful ---------- rays of the sun.

Carbon dioxide and ozone are referred to as variable gases because their quantity can ---------- as a result of processes such as evaporation and transpiration and, in the case of ozone, because of varying rates of formation of new ozone , ---------- and seasonal change.

There are --------- amounts of other inert gases such as Helium, Neon and Krypton, ---------- such as sulfur dioxide, nitrogen dioxide and gases like methane.

--------- are minute solid particles such as -------, fine sand and volcanic ash.

The natural balance in the atmosphere is maintained through various -------. However, human ---------- can alter the composition in many ways.

2. Tick the two main ways human beings can alter the composition of the atmosphere.

Afforestation.	Mining.	Using CFCs. **(Reacts with Ozone)**
Breathing.	Recycling.	Fishing.
Burning fossil fuels.	Sewage treatment.	Growing rice.

3. Choose the name of the component of the atmosphere to which each statement refers to:

This greenhouse gas is used by plants in photosynthesis

Ultra violet radiation is absorbed by this gas.

The most abundant gas in the atmosphere and a product of volcanic eruptions. It is needed for the growth of plants.

This gas is produced by photosynthesis and used in respiration.

Source of all types of precipitation, it is vital to the existence of life.

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