

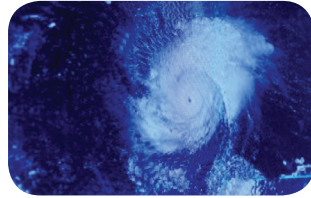
Climate change **quiz 2**

Do you really know the facts from the fiction?

level small / regular / large

How much do you know
about Climate Change?

The answers are on the back of this page.



① Aerosol sprays (deodorants etc) contribute to climate change

True False

② Climate change and global warming are the same thing

True False

③ We can get around the problem just by carbon offsetting

True False

④ Many leading scientists question climate change

True False

⑤ It was warmer during the Medieval period, with vineyards in England

True False

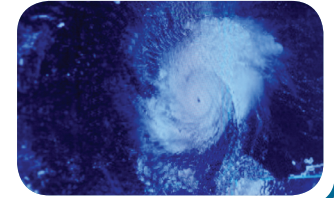
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1 False

The ozone layer blocks the Sun's ultra-violet rays, which are harmful to humans, animals and plants. In 1986 a hole in the Earth's ozone layer was discovered above the Antarctic. The cause of the hole was due to a build up of CFCs in the atmosphere. In 1987 an international agreement (the Montreal Protocol) was reached to phase out of CFCs from products such as aerosols (from spray cans such as deodorants) and refrigerators. The hole in the ozone layer is now shrinking and may actually heal within 60 years.

<http://news.bbc.co.uk/>

2 True

Global warming (the 'greenhouse effect') is the term used to describe the gradual rise in the world's average temperature. The term climate change reflects changes in regional weather patterns as a result of overall warming.

3 False

The most effective action is to reduce emissions whenever possible. Carbon offsetting involves calculating your emissions and then purchasing 'credits' from emission reduction projects. These projects will prevent or remove an equivalent amount of CO₂ elsewhere. They involve investment in carbon reducing technologies in developing countries, tree planting schemes and forest protection schemes. Besides reducing carbon, investments in new technologies could have a positive effect on the economy of developing countries. Planting trees reduces further erosion of fertile soils and saving forests will also have a positive effect on wildlife.

It's a complex issue, but carbon offsetting it could be used as an excuse to continue as usual, with no attempts to reduce emissions.

www.defra.gov.uk www.guardian.co.uk/environment

4 False

Some sceptics claim that many leading scientists question climate change. There are dozens of international statements supporting the view that climate change is happening. These represent tens of thousands of scientists. There is an overwhelming consensus in the scientific community about global warming and its causes.

www.newscientist.com

5 False

English wine production is once again thriving and the extent of the country's vineyards probably surpasses that in the so-called Medieval Warm Period. So if you do think vineyards in England are an accurate indicator of temperature, this suggests it is warmer now than it was then.

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