



Climate Change Match and Draw

Draw **one** line from each key word to the correct description.

climate
change

mitigation

orbital
changes

Quaternary
period

adaptation

sunspots

enhanced
greenhouse
effect

greenhouse
gas

fossil fuels

volcanic
activity

The period of geological time from about 2.6 million years ago to the present.

Darker, cooler patches on the surface of the Sun. They form at areas where magnetic fields are particularly strong; keeping some of the heat within the Sun from reaching the surface.

Warming of the Earth's atmosphere due to increased concentration of greenhouse gases that humans have released since the Industrial Revolution.

When lava and gas are released from a volcano. Volcanic materials erupted into the atmosphere can reflect incoming radiation, temporarily cooling the Earth.

A long-term change in the Earth's climate, especially a change due to an increase in the average atmospheric temperature.

Gases in the atmosphere that absorb solar heat reflected by the surface of the Earth, warming the atmosphere e.g. carbon dioxide and methane.

Actions taken to tackle the causes of climate change e.g. carbon capture.

Changes in the pathway of the Earth around the Sun.

Actions taken to adjust to the changes caused by climate change e.g. managing water supply.

Decomposed plants and animals found in the Earth's crust which can be burned for energy e.g. coal, oil, and natural gas.