

Name _____

The Greenhouse Effect: Earth's Cozy Blanket and Climate Impact

Short Answer Key

1. Greenhouse gases in the atmosphere trap some of the heat radiated by the Earth's surface, keeping the planet warm. This process is known as the natural greenhouse effect.
2. Global warming is the long-term increase in Earth's average surface temperature. It is related to the enhanced greenhouse effect because the accumulation of greenhouse gases in the atmosphere intensifies this warming.
3. Answers may vary but could include impacts like melting glaciers, increased heatwaves, or disrupted ecosystems.
4. Human activities contributing to greenhouse gas accumulation include burning fossil fuels (coal, oil, natural gas), deforestation, and industrial processes.
5. Possible actions include reducing energy consumption, using renewable energy sources, and supporting reforestation efforts.

