

Name _____

Climate Connections: Causes & Consequences Answer Key

Cause and Effect Chart *(Example Answers)*

Human Activity (Cause)	Climate Impact (Effect)
Burning coal for electricity	Increases CO ₂ emissions, leading to global warming
Deforestation in rainforests	Reduces carbon absorption, increases atmospheric CO ₂
Large-scale livestock farming	Releases methane, contributing to heat-trapping gases
Driving gasoline-powered cars	Emits CO ₂ , increasing the greenhouse effect
Increased industrial manufacturing	Produces greenhouse gases and other pollutants
Overuse of single-use plastics	Increases waste and pollution, harming ecosystems
Draining wetlands for development	Reduces natural carbon storage and flood control
Air travel expansion	Produces high levels of CO ₂ per passenger mile

Reverse Match-Up

1. Burning fossil fuels (especially oil, coal, and gas)
2. Increased industrial manufacturing and vehicle emissions
3. Large-scale livestock farming
4. Deforestation