

Name _____



Climate Connections: Causes & Consequences

Climate change happens when long-term weather patterns shift due to natural processes and **human activities**. Many human actions release **greenhouse gases** into the atmosphere, which trap heat and alter global climate systems. In this activity, you will connect specific human activities to their effects on the environment. Fill in the missing column for each row below.

Human Activity (Cause)	Climate Impact (Effect)
Burning coal for electricity	
Deforestation in rainforests	
Large-scale livestock farming	
Driving gasoline-powered cars	
Increased industrial manufacturing	
Overuse of single-use plastics	
Draining wetlands for development	
Air travel expansion	

Reverse Match-Up

Below are **climate impacts**. Write the human activity most likely to cause each one.

1. Rising sea levels from melting ice caps → _____
2. Poor air quality in urban areas → _____
3. Higher global temperatures due to methane release → _____
4. Loss of biodiversity and animal habitats → _____