

# Human Impact

Name:

Date:

**INQUIRY**

**Nanjing's air quality improved since 2015. Beijing hosted a 'blue sky' Olympics. Is the trend global?**

Discuss with your partner. Write your initial ideas below:

## Key Vocabulary

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Term	Definition
<b>Deforestation</b>	Clearing forests.
<b>Eutrophication</b>	Excess nutrients cause algal bloom, killing aquatic life.
<b>Climate change</b>	Long-term shift in temperatures and weather.

## Part A — Impacts

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1. For each: name the cause, explain the mechanism, give an example from China, Korea, OR Germany: (a) deforestation (b) water pollution (c) air pollution (d) climate change. [8 marks]

## Part B — Data

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2. China's CO<sub>2</sub> emissions peaked in 2023. Germany reduced emissions by 40% since 1990. Korea's are still rising. Why do these trajectories differ? Consider industry, policy, and population. [4 marks]