

Air and Rising Water

Trace causes and effects in India and China.

SS7G10.b "Explain the causes and effects of air pollution and flooding in India and China."

NAME _____

DATE _____

1 READ AND MARK _____ Read it twice

YOUR JOB Underline each cause and circle each effect. Write I, C, or S beside each marked detail to show whether it applies to India, China, or both countries.

Environmental Challenges in India and China

- ① In India and China, air pollution often grows where cities, factories, and transportation expand quickly. Coal burned for electricity and heat releases tiny particles and gases into the air. Vehicle exhaust adds more pollution, especially along crowded roads. In northern India, farmers sometimes burn crop leftovers after harvest, sending smoke across large areas. In China, industrial plants and construction can add dust and pollutants. Wind may carry dirty air beyond the place where it began.
- ② Flooding has several causes in both countries. Seasonal monsoon rains can fill rivers faster than channels can carry the water away. Storms, melting mountain snow, and dam releases may also raise water levels. Paved streets prevent rain from soaking into soil, so fast-growing cities can face sudden floods. Cutting forests on slopes can increase runoff and erosion. When rivers overflow, homes, roads, crops, and drinking-water systems can be damaged. Floodwater can also spread disease when it mixes with sewage.
- ③ Air pollution can harm lungs and hearts, making it harder for people to breathe and increasing illness. It can create haze that blocks views and disrupts travel. Pollution from coal and vehicles also adds gases that warm Earth's climate. Floods can force families to leave homes and can interrupt school, work, and transportation. After a flood, people may need clean water, food, shelter, and medical care. These problems show how one cause can lead to several connected effects in India and China.

2 ANSWER WITH EVIDENCE _____ Use the passage

1 What are two causes of air pollution named in the passage?

2 How can paved streets make flooding worse in fast-growing cities?

3 Name two effects that can happen when rivers overflow.

4 How can air pollution affect people's health and daily life?

3 YOUR TURN _____ Your own words

Choose air pollution or flooding in India, China, or both countries. Write three sentences that name one cause and explain two connected effects.

PART 1 • READ AND MARK

Underline each cause and circle each effect. Write I, C, or S beside each marked detail to show whether it applies to India, China, or both countries. Accept any marking that follows this job and points at the right text.

PART 2 • ANSWERS

#	QUESTION	ANSWER
1	What are two causes of air pollution named in the passage?	Coal burned for electricity or heat and vehicle exhaust. Other acceptable answers include crop burning, industrial plants, construction dust, or pollutants.
2	How can paved streets make flooding worse in fast-growing cities?	Paved streets prevent rain from soaking into soil, so water can collect quickly and cause sudden floods.
3	Name two effects that can happen when rivers overflow.	Homes, roads, crops, and drinking-water systems can be damaged. Floodwater can also spread disease when it mixes with sewage.
4	How can air pollution affect people's health and daily life?	It can harm lungs and hearts, make breathing harder, and increase illness. Haze can block views and disrupt travel.

PART 3 • YOUR TURN (SAMPLE ANSWER)

In both countries, seasonal monsoon rains can fill rivers quickly. As rivers overflow, homes and roads can be damaged. Floodwater may also spread disease when it mixes with sewage.

Accept accurately stated cause-and-effect relationships supported by the passage. For the open task, accept either country, both countries, air pollution, or flooding when the response includes one cause and two logical effects.