

Lesson 3

ANSWER KEYS

Literacy Skill Q's

Infer What actions could people take if a report showed that air quality was hazardous?

Sample answer: stay indoors, wear protective masks, avoid coming into the city

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to people.

Atmosphere

The atmosphere provides the air that we breathe. When substances are added to the air, the atmosphere changes.

Geosphere

The geosphere is the rock and soil beneath and around us. When people build places to live, they often change the geosphere.

Hydrosphere

The water on Earth and in its atmosphere makes up the hydrosphere. To use energy from the hydrosphere, people build large dams, which change the hydrosphere, geosphere, and biosphere.

Biosphere

The living things on Earth make up its biosphere. These living things include plants, animals, microorganisms, and even humans. When people cut down trees or grow plants, they change the biosphere.

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or it can be an unintended result of an action. An unplanned result is called a side effect. The aim of farming is to produce food for people, but a side effect is that it replaces the type of organisms that normally live in an area. Factories use resources mined from the ground to produce goods that meet human needs. But they can produce gases that pollute the air. **Pollution** is the presence of substances in the environment that are harmful to humans or other organisms.

READING CHECK Compare and Contrast

Underline one positive effect of farming. Circle one negative effect of farming.