

Question Exploration Guide

Title/standard SC.912.L.17.11, 2,13,18, 20 - Evaluate how environmental health impacts people and is impacted by people.

Student Name: _____ Date: _____

Course Question #: _____ Unit Question #: _____ Lesson Question #: _____

1

① What is the Critical Question?

Why do people need a healthy ecosystem to live?

4

② What are the Key Terms and explanations?

- Ecosystem
- Community
- Pollutant
- Impact
- Natural Resource

a community of living things and the non-living things that support them
 a group of various species that live in the same place and interact
 a substance that gets into an ecosystem and harms its living things
 influence, effect (can be good or bad)
 something people use that comes from the environment

5

③ What are the Supporting Questions and answers?

Are people part of an ecosystem?

Why do people need natural resources?

How do pollutants affect people?

People are living things. All living things are part of the web of life in the ecosystem where they live.
 People need things or resources to live - food, water, shelter. They also use tools and energy to cook food, get water and build shelter. These things come from the environment (ecosystems). This is why people have to be careful about how they use resources. It is possible for people to use them up.
 Pollutants can make people sick and even kill them. Pollutants get into the resources we use like food and water, then get into our bodies when we consume the resources.

2

④ What is the Main Idea Answer?

The things humans need to live - food, water, air - come from the environment and must be "clean". Humans use many resources to stay alive, resources that make our clothing, our shelter. If we use up these resources up or pollute these resources so they are not safe to use, we can not support our current lifestyle.

⑤ How can we use the main idea?

Why is it important to be "green"
 (minimize your impact on the earth)?

6

⑥ Is there an Overall Idea? Is there a real-world use?

What steps can you take to "green" your lifestyle?

3

6

EXTENSION QUESTION:

Consider the cell and its component. Assign each of the parts of the cell to a common everyday object to illustrate relative size. For example, if ribosomes were the size of marbles, the nucleus would be the size of a _____, etc. Or, if the nucleus were the size of a marble, a ribosome would be the size of a _____, etc.