

Name: _____ Date: _____

Eco-Detectives: 1st Grade Habitat Engineering Quiz

Examine how unique landscapes solve human problems and predict the outcomes of changing nature through logic-based scenarios.

1. If a town builds a large park where a swamp used to be, what is one way the environment has changed?

- A. The wind will stop blowing entirely
- B. Water might have a harder time draining away
- C. The sun will stay out for more hours
- D. The rocks will turn into soft soil

2. True or False: Planting a vegetable garden is a way that humans depend on the soil and sun to survive.

- A. True
- B. False

3. People living in the high Andes mountains developed larger lungs over a long time to help them breathe the thin air. This is an example of _____.

- A. pollution
- B. adaptation
- C. destruction
- D. weathering

4. Imagine a village built on stilts over a river in Vietnam. Why did the people choose to build their homes this way?

- A. To be closer to the clouds for rain
- B. To keep their homes dry during floods
- C. To hide from the birds in the trees
- D. To make the river flow faster

5. When a logging company cuts down an entire forest to make paper, they are _____ the environment.

- A. protecting
- B. modifying
- C. ignoring
- D. copying

6. True or False: Using a solar panel to catch energy from the sun is a way humans modify the sun.

- A. True
- B. False

7. A new highway is built through a desert. What is a likely consequence for the animals living there?

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- A. The animals will learn to drive cars
- B. The animals' habitat is split into two pieces
- C. The sand will turn into water
- D. The desert will get much colder

8. In very foggy places like parts of Chile, people use large nets to catch water from the air. This shows they _____ on the fog for water.

- A. depend
- B. fight
- C. scare
- D. forget

9. True or False: Building a bridge over a canyon is an example of humans modifying the environment to travel easier.

- A. True
- B. False

10. If we want to reduce the negative consequences of using too much plastic, what should we do?

- A. Throw it all into the ocean
- B. Make twice as much plastic
- C. Recycle and use bags made of cloth
- D. Stop eating vegetables