

Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Answer Key: Wrangle the Wild: A Human-Environment Quiz for 2nd Grade

Can you design a city that works with nature? Analyze how people build stilt houses and terraced farms to solve geographic puzzles.

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**1. In the rainy rainforests of Southeast Asia, people often build 'stilt houses' high off the ground. What is the main reason for this design?**

**Answer:** B) To keep the house dry during heavy floods

Stilt houses are an adaptation to a wet environment; lifting the floor prevents water from entering the home during seasonal flooding.

**2. True or False: Farmers in steep mountains modify the land by cutting flat steps called 'terraces' to prevent soil from washing away.**

**Answer:** A) True

Terracing is a specific way humans modify hilly environments to create flat land for crops and control water flow.

**3. In the hot deserts of the Middle East, ancient people built 'wind towers' on their roofs to catch breezes. This is an example of \_\_\_\_\_.**

**Answer:** A) Adapting to the heat

Adapting means changing how we live or what we build to be comfortable in the natural climate without changing the climate itself.

**4. If a town builds a giant bridge over a wide river, how are they interacting with the environment?**

**Answer:** C) They are modifying the land to travel easily

Building structures like bridges or roads is a modification because it changes the natural landscape to meet human needs for transportation.

**5. True or False: Wearing heavy wool coats in a cold mountain village is a way humans modify their environment.**

**Answer:** B) False

**Name:** \_\_\_\_\_ **Date:** \_\_\_\_\_

Changing your clothes is an adaptation (adjusting yourself), not a modification (changing the environment itself).

**6. The people of the Andes Mountains in Peru use llamas to carry heavy packs through thin air. This shows they \_\_\_\_\_ on animals for survival.**

**Answer:** B) Depend

Dependence refers to when humans rely on the natural resources or animals provided by an environment to live and work.

**7. A city decides to plant a thousand trees to help cool down the hot pavement. What is this interaction called?**

**Answer:** C) A positive modification

Modifications aren't always bad; planting trees is a way humans change an urban environment to make it healthier and cooler.

**8. True or False: When we build a large dam to create electricity, a consequence might be that the natural habitat for local fish changes.**

**Answer:** A) True

Consequences are the results of our actions on the environment, which can affect the plants and animals living there.

**9. In the Netherlands, people use big pumps and walls to keep the ocean out of their farms. This is a very complex \_\_\_\_\_ of the coastline.**

**Answer:** A) Modification

When people change the shape of the land or keep water out to use the area for farming, they are modifying the environment.

**10. Why do some people in very snowy places build houses with steep, slanted roofs?**

**Answer:** B) To let the snow slide off so it doesn't get too heavy

Building slanted roofs is a creative adaptation that uses gravity to prevent heavy snow from collapsing the house.