Sustainability:

How Our Actions Affect the Environment

Name: _____

Date: _____

Student quiz — Answer key

Directions: Circle the best answer for each multiple choice question below, unless the question states otherwise. Write your answers for other questions.

1. Sustainability involves…
   a. Depleting Earth's natural resources
   b. Protecting the environment
   c. Producing and consuming disposable materials
   d. Wasting energy

2. Describe in your own words three everyday activities that can negatively affect the environment.

1	
2	
3	

3. What does it mean if the carbon dioxide equivalent emissions (CO_2e) of a specific product is 25 tons of carbon dioxide?
   a. When burning this product, 25 tons of carbon dioxide are produced
   b. The product emits 25 tons of carbon dioxide per year
   c. It takes 25 tons of carbon dioxide to produce that product
   d. The product has the same mass as 25 tons of carbon dioxide

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4. Which of the actions below can *each individual* take to reduce his/her ecological footprint? (Select all that apply)

   a. Use a dishwasher instead of washing dishes by hand
   b. Freeze food leftovers instead of throwing them out
   c. Unplug electronic devices not in use
   d. Donate unused stuff such as clothing or toys

5. Write down three things that your *school or community* could do to reduce its ecological footprint and help the environment.

1	
2	
3	