

Getting to Worldwide Sustainability Quiz #3 – Answer Key

Restoring Carbon Sinks

1. True or False: Carbon sinks offset the effects of heat-trapping GHG by absorbing and storing carbon.

TRUE

2. Name a type of carbon sink.

LAND SINK, OCEAN SINK

3. True or False: Land sinks absorb carbon dioxide (CO₂) through photosynthesis.

TRUE

4. Name a way you can help protect land sinks.

Support organic farmers, use compost in your yard.

5. True or False: Carbon Dioxide dissolves in seawater.

TRUE

6. Name one of the ways that affects oceans ability to absorb and process carbon dioxide (CO₂). Rising water temperatures and increased levels of CO₂ in the air lower the pH levels (making water more acidic) of seawater.