

LAND ON EARTH PRESENTATION, NOTES & QUIZ

Google Slides
Presentation

Guided Notes

Unit Quiz &
Answer Keys

Name: _____ Date: _____ Pd: _____

Task: Fill in the missing pieces of the notes based on the lesson presentation.

LAND ON EARTH Guided Notes

SOIL DEGRADATION

- The decline in soil quality due to natural processes or human activities, reducing its ability to support plant growth and ecosystem function.
- Causes of soil degradation: _____
- Effects of soil degradation: _____
- Protecting soil is essential for food security, biodiversity, and combating climate change. Afforestation, Crop Rotation and cover crop practices and Sustainable Land Management are all ways humans can prevent soil degradation

SUSTAINABLE LAND USE PRACTICE

- Sustainable land use refers to _____
- What are some key characteristics of sustainable land use?
 - _____: Minimize environmental degradation and protect natural ecosystems
 - _____: Promote sustainable land use practices, such as eco-friendly farming, that support long-term economic benefit.
 - _____: Ensure fair access to land resources
 - _____: Consider environmental, economic and social factors when land-use strategies.
- Provide one example of sustainable land use: _____

PERMACULTURE

- _____ is one examples of a design philosophy and agricultural system to create sustainable, self-sufficient ecosystems that work harmoniously with nature.
 - Principles include:
 - Design for Sustainability, Encourage Diversity, Soil Health, Utilizes natural techniques and modern technology like rainwater harvesting and renewable energy. Local Focus

HOW SCIENTISTS ARE PART OF PERMACULTURE

- Pick and explain one way that scientists can support sustainable land use:
 - _____

