Introduction (5 minutes)
Read the introduction and answer the following questions:
Island landforms are fascinating features that are shaped by a combination of oceanic and tectonic processes. Understanding these processes is essential for managing and conserving island ecosystems.
1. What are the three main types of islands? a. Continental, Oceanic, Coral b. Volcanic, Coral, Continental c. Oceanic, Coral, Volcanic d. Continental, Volcanic, Coral
 2. What is the process by which the Earth's plates move and change, resulting in the formation of mountains and volcanoes? a. Weathering and Erosion b. Plate Tectonics c. Glaciation d. Coastal Erosion

reate a map of an	island landforn	n, including the	following feature	s:	
CoastlineMountainsValleysGeological for	rmations				
[Space for map]					

Transect Creation (20 minutes)
Create a transect of a selected island landform, including the following features:
 Coastline Mountains Valleys Geological formations
[Space for transect]

Cross Section Analysis (20 minutes)
Analyze the cross section of an island landform, identifying the following features:
 Rock layers Fault lines Volcanic activity
[Space for cross section analysis]

Oceanic Processes (15 minutes)
Answer the following questions:
1. What is the process by which the ocean wears away the coastline, resulting in the formation of cliffs and beaches? a. Deposition b. Erosion c. Weathering d. Glaciation
2. What is the process by which the ocean deposits sediment, resulting in the formation of beaches and deltas? a. Erosion b. Deposition c. Weathering d. Glaciation

Tectonic Processes (15 minutes)
Answer the following questions:
1. What is the process by which the Earth's plates move and change, resulting in the formation of mountains and volcanoes? a. Weathering and Erosion b. Plate Tectonics c. Glaciation d. Coastal Erosion
2. What is the process by which the Earth's crust is stretched and thinned, resulting in the formation of rift valleys and mid-ocean ridges? a. Continental Drift b. Sea Floor Spreading c. Plate Tectonics d. Weathering and Erosion

	olitics and Oceanography (15 minutes)
Answe	r the following questions:
1. V	What is the study of the relationships between the Earth's physical features and human activities? a. Geopolitics b. Oceanography c. Geography d. Geology
2. V	What is the study of the Earth's oceans and their impact on the environment and human societies? a. Oceanography b. Geopolitics c. Geography d. Geology

Case Study (20 minutes)		
	of an island landform that has been impacted by human activities, such as deforestation development. Analyze the impact of these activities on the island's ecosystem and es.	
[Space for case s	tudy]	

swer the fo	llowing questions:				
1. What di	d you learn about ocear	ic and tectonic	processes in this	activity?	
2. How ca	n you apply your knowle	dge to real-worl	d scenarios?		
3. What ar	e the implications of hu	man activities o		erns and geological pi	ocesses?

Extension Activity (20 minutes)
Create a 3D model of an island landform, including the following features:
 Coastline Mountains Valleys Geological formations
[Space for 3D model]

Conclusion (5 minutes)

In conclusion, creating transects and cross sections of island landforms is an essential skill for understanding oceanic and tectonic processes. By applying your knowledge to real-world scenarios, you can develop strategies for sustainable management and conservation of island ecosystems.

Remember to consider the complex relationships between the environment, the local community, and the government, and to balance human needs with environmental protection.