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Activities

Building Up, Breaking Down

Name: _____ Date: _____

Crashing waves take a big bite out of a beach, but wave-carried sediments can build new beaches or islands. In this Planet Diary activity, you'll visit Florida's Gulf Coast to see erosion and deposition in action.

Directions

- In this activity, you'll observe erosion and deposition in this Florida study area. Start with this view of a typical barrier island, then learn the role barrier islands play in protecting coasts. Use the information to answer question 1.
- Take this virtual field trip to Florida's Gulf Coast. View the links to each of the beaches or barrier islands. How has each location changed from erosion or deposition? Summarize what you learn in the table for question 2.

Workspace

1. Describe how a barrier island forms.

2.

Location	Evidence of Erosion/Deposition
Anclote Key	
Three Rooker Bar	
Sand Key	
St. Pete Beach	
Mullet and Egmont Keys	
Anna Maria Island	

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