

# Coasts and Reefs

Define **Fairweather wave Base**:

Is the offshore zone affected by normal waves?

Define **shoreface zone**:

What causes the gradient of the lower shoreface?

What causes Sandbars?

Define **Swash Zone**:

## **Backshore**

Beyond the foreshore of the beach is a backshore zone, characterized by \_\_\_\_\_.

Dunes are caused by:

## **Sediment**

Where does sediment come from?

As rivers enter a large body of water its flow \_\_\_\_\_.

The sediment deposited at a river mouth is called a \_\_\_\_\_.

Explain **Beach Drift**:

If you are caught in a **Rip Current** what should you do?

What causes an **undertoe**?

## **REEFS**

What is a reef?

What are they mainly made of?

Reef building organisms build skeletons of \_\_\_\_\_.

Coral Reefs are often called \_\_\_\_\_.

Why?

What conditions are necessary for reef development?

1.

2.

3.

4.

What is an **Atoll**?

How are atolls formed?

What is special about the Bikini Atoll?