



How Beaches and Dunes Form

I can explain how some coastal features are formed.

Sort the captions into the correct order. Create a cartoon strip to show how beaches and dunes are formed.



1.	2.	3.
4.	5.	6.

When the tide carries jagged chunks of rock back inland, they are smoothed by being moved across the beach and hit into the cliff face.	Waves attack the coastline. The softer rock is eroded more quickly than the harder rock, forming bays and headlands.	Over time, pebbles are broken down into even smaller fragments called sand.
Large, jagged chunks of rock broken off by the waves are carried out to sea.	Coastal winds blow sand around the beach. It forms into piles called dunes.	As the bay is sheltered, sand is deposited there, forming a beach.

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1. Child's image should show clear headlands surrounding a bay area (these may be labelled).	2. Child's image should show large jagged rocks moved away from the cliffs. Movement may be shown by an arrow.	3. Child's image should show large jagged rocks becoming smooth, round pebbles over time (e.g. by the addition of a label or an arrow).
Waves attack the coastline. The softer rock is eroded more quickly than the harder rock, forming bays and headlands.	Large, jagged chunks of rock broken off by the waves are carried out to sea.	When the tide carries jagged chunks of rock back inland, they are smoothed by being moved across the beach and hit into the cliff face.
4. Child's image should show pebbles becoming small grains of sand over time (e.g. by the addition of a label or an arrow).	5. Child's image should show a small sandy beach developing in a bay area (e.g. by the addition of a label or an arrow).	6. Child's image should show piles of sand built behind a beach area (e.g. by the addition of a label or an arrow).
Over time, pebbles are broken down into even smaller fragments called sand.	As the bay is sheltered, sand is deposited there, forming a beach.	Coastal winds blow sand around the beach. It forms into piles called dunes.