Finn’s Guide to Our Changing Coasts

Dive into the deep blue with Finn and explore how the land meets the sea!

■ **Erosion is the wearing away of rock and soil by the constant energy of waves, wind, and rain.**

■ **Hydraulic action happens when waves trap air in cracks in the cliff face, forcing the rock to break apart over time.**

■ **Longshore drift is the process where sediment is moved along the beach in a zig-zag pattern by the incoming waves.**

■ **Deposition occurs when the sea loses energy and drops the sand and shingle it was carrying, often forming beaches or spits.**

■ **Headlands are formed from hard, resistant rock that sticks out into the sea, while bays are carved into softer rock between them.**

Did you know? Did you know? The UK coastline is constantly moving! Some parts, like the Holderness Coast, are some of the fastest-eroding coastlines in Europe, losing up to two metres of land every single year due to the power of the North Sea.

Key vocabulary: Erosion · Deposition · Longshore drift · Hydraulic action · Headland · Bay · Sediment