

## Coastal Landscapes in the UK

I can describe different wave types and their characteristics
I can explain different coastal processes including weathering processes: mechanical, chemical
I can explain different coastal processes including mass movement: sliding, slumping and rock falls
I can explain different coastal processes including erosion – hydraulic power, abrasion and attrition
I can explain different coastal processes including transportation – longshore drift
I can explain different coastal processes including deposition – why sediment is deposited in coastal areas.
I can explain how geological structure and rock type influence coastal forms.
I can describe the characteristics and explain the formation of landforms resulting from erosion: headlands and bays, cliffs and wave cut platforms, caves, arches and stacks.
I can describe the characteristics and explain the formation of landforms resulting from deposition: beaches, sand dunes, spits and bars
I know an example of a section of coastline in the UK to identify its major landforms of erosion and deposition
I can explain the costs and benefits of the following coastal management strategies: hard engineering – sea walls, rock armour, gabions and groynes
I can explain the costs and benefits of the following coastal management strategies: soft engineering – beach nourishment and re-profiling, dune regeneration
I can explain the costs and benefits of the following coastal management strategies: managed retreat – coastal realignment.
I know one example of a coastal management scheme in the UK to show: the reasons for management, the management strategy, the resulting effects and conflicts