



## Abstract

The spectacular shoreline of Flamborough Head provides an exciting location for children to explore the rock pools and discover the wide variety of seaweeds and animals found in a seashore ecosystem. This dramatic eroding coastline also facilitates the study of local rocks and the chance to see evidence of erosional processes and landforms.

## Learning Objectives:

- To learn about the adaptations of seashore organisms and find out who eats who
- To explore and understand the erosional landforms created by the sea around Flamborough Head

## Options:

- To learn about the erosional processes that have shaped these landforms
- To further explore the seashore ecosystem through viewing the large colonies of seabirds at the RSPB Bempton Cliffs reserve (**summer only**)
- To identify and create food chains for the rocky shore (**evening**)

## Learning Outcomes:

- To collect seashore organisms and understand their position in the seashore food web
- To explain how organisms are adapted to seashore life
- To identify erosional landforms and describe the sequence of erosion; crack, cave, arch, stack, stump, wave-cut platform
- To complete an annotated field sketch of High Stacks with references to erosional landforms and basic geology

## Options:

- To understand the key erosional processes at work; abrasion, hydraulic action, corrosion, attrition
- To observe and identify a range of seabirds inhabiting the coastline (**summer only**)
- To research each trophic level of the rocky shore and complete a food chain mobile in small groups (**evening**)