

Centre: **SWANAGE**
Exam Board: **Edexcel A GCSE**

Dates: 2018

Group Numbers: +

	Morning	Afternoon		Evening
Day 1		Welcome & Orientation Coastal Landscapes and Processes Old Harry Rocks	Dinner	Introduction to the Enquiry Process
Day 2	Coastal Landscapes & Defences Swanage Beach	Changing City Environments Swanage Town	Dinner	Methodology
Day 3	UK Ecosystems: Sand Dunes Studland Sand Dunes		Dinner	Data Presentation
Day 4	Coastal Landscapes and Processes Durdle Door and Lulworth Cove		Dinner	Spearman's Rank
Day 5	Farewells and Depart			

Day 1

Coastal Landscapes and Processes - Old Harry Rocks

The visit begins with a spectacular walk out to Old Harry Rocks where they will consider how stacks and arches are formed.

Techniques: Field sketch.

Day 2

Coastal Landscapes and Defences - Swanage Beach

The group will look at a discordant coastline on Swanage beach and evaluate the impact, efficiency, cost and longevity of the coastal defences. On the beach we will collect data on the beach profile, wind speed and direction, sediment movement (height of beach either side of groyne) and wave count.

Techniques: Beach profiles, sand height at groyne, wave count, float measurement, pebble analysis, wind speed, personal observations.

Changing City Environments - Swanage Town

The group will then move into the town to investigate the challenges and opportunities the local residents face, especially with regard to the seasonal nature of the town's main industry of tourism.

Techniques: Land use transect, pedestrian count, vehicle count, environment quality index, index of decay, static survey, questionnaire.

Please note, we can also offer this topic based in Boscombe or Weymouth at an additional transport cost.

Day 3

UK Ecosystems: Sand Dunes - Studland Bay

The aim of the day is to discover if the sand dunes at Studland follow the typical sand dune transect.

The group will also consider the strategies the National Trust have employed to protect the sand dunes, why and their effectiveness.

Techniques: Profiles, vegetation analysis, abiotic factors, management strategies evaluation, user conflicts matrix, personal observations

Day 4

Coastal Landscapes and Processes - Durdle Door and Lulworth Cove

The students will travel to Durdle Door where they will visit a concordant coastline to look at how the coastline has eroded. The group will complete field sketches, marking the landforms and coastal formations that can be seen. They will discuss cove formation and what happens after a cove is formed. Walking over to Lulworth Cove, the group will sketch Stair Hole and Lulworth Cove to show the landforms and how the geology affects them.

Techniques: Field sketch.

Please note we can also offer a River Study on the River Wey at an additional transport cost.