

Centre: **SWANAGE**

 Exam Board: **WJEC EDUQAS B GCSE**

Dates: 2018

Group Numbers: +

	Morning	Afternoon		Evening
Day 1		Welcome & Orientation Changing Environments Old Harry Rocks	Dinner	Introduction to the Enquiry Process
Day 2	Changing Environments Swanage Beach	Changing Places - Changing Economies Swanage Town	Dinner	Methodology
Day 3	Ecosystems Under Threat Studland Sand Dunes		Dinner	Data Presentation
Day 4	Changing Environments Durdle Door and Lulworth Cove		Dinner	Spearman's Rank
Day 5	Farewells and Depart			

Day 1

Changing Environments - 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

Changing Environments - 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 Places - Changing Economies - 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.

Day 3

Ecosystems Under Threat- Studland Sand Dunes

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

Changing Environments - Durdle Door and Lulworth Cove

The group 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.