

Centre: **SWANAGE**

Dates: 2018

Group Numbers: +

| | Morning | Afternoon | | Evening |
|-------|--------------------------------------|---|--------|----------------------------|
| Day 1 | | Welcome & Orientation Swanage Beach | Dinner | Navigation Exercise |
| Day 2 | Studland Sand Dunes | | Dinner | Teambuilding |
| Day 3 | Swanage Town | Old Harry Rocks | Dinner | Beach |
| Day 4 | Durdle Door and Lulworth Cove | | Dinner | Presentations |
| Day 5 | Farewells and Depart | | | |

Day 1 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.

Day 2 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 3 Swanage Town

The group will visit Swanage town centre 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.

Old Harry Rocks

After lunch, the group will walk out to Old Harry Rocks where they will consider how stacks and arches are formed.

Techniques: Field sketch.

Day 4 Durdle Door and Lulworth Cove

The group will travel to Durdle Door and Lulworth Cove where they will visit a concordant coastline to look at how the coastline has eroded. They 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.

Techniques: Field sketch.