

Curriculum Links

GCSE Geography - Osmington Bay, Dorset

	Brief Description	Equipment Includes	Fieldwork Location	Curriculum Information - Edexcel
Human Geography				
Urban Settlements	By producing land use classification maps of town centres, students are able to recognise patterns in retail settlements and settlement function. Development of towns over time are demonstrated through a range of data-collection techniques.	Workbook, digital cameras, questionnaires, land use maps	 Weymouth	Edexcel GCSE Geography B (2016 Specification) Topic 6: Investigate how and why quality of life varies within urban areas.
Physical Geography				
Coastal Management	Coastal erosion and the conflicts which arise as a result of it are examined along with the options available to manage it. Different types of coastal defences and management systems are investigated and students discuss future coastal management strategies.	Workbook, digital camera	 Lyme Regis, Charmouth, West Bay, Chiswell	Edexcel GCSE Geography B (2016 Specification). Topic 4: The UK's evolving physical landscapes. 4.4 Distinctive coastal landscapes are modified by human activity interacting with physical processes. 4.5 The interaction of human and physical processes present challenges along coastlines and there are a variety of management options. Topic 6: Investigating coastal change and conflict.
Coastal Processes and Features	With reference to nearby examples, students discuss the formation of coastal features and how they have evolved. Features include stumps, stacks, caves and wave-cut platforms. A beach profile can be constructed if required.	Workbook, digital camera, Pocket PC, profiling kit	 Durdle Door, Lulworth Cove, Man O' War Cove, Stair Hole	Edexcel GCSE Geography B (2016 Specification). Topic 4: The UK's Evolving Physical Landscape. 4.3 Distinctive coastal landscapes are influenced by geology interacting with physical processes. Topic 6: Investigating coastal change and conflict.
Rivers and Fluvial Systems	The form and functions of rivers are studied in this river investigation, including meanders, floodplains and smaller formations such as point bars and river cliffs. A number of measurements such as width, depth, velocity and sediment size can be collected at a variety of sample sites.	Workbook, Pocket PC, digital camera, clinometer, channel profile kit, flow meters, callipers, sediment roundness chart, ranging poles	 River Wey	Edexcel GCSE Geography B (2016 Specification). Topic 4: The UK's Evolving Physical Landscape. 4.6 Distinctive river landscapes have different characteristics formed by interacting physical processes. 4.7 River landscapes are influenced by human activity interacting with physical processes. Topic 6: Investigating river processes and pressures.