

Domain: Cardiff Bay		Year: 5
Domain overview		
<p>During this domain, the pupils will participate in a range of opportunities to ask questions, to enquire and to learn outdoors, as well as indoors, including both physical and digital learning. They will experience a fieldwork visit to Cardiff Bay where they will take part in a variety of activities including: learning how to use a compass; comparing building materials and their properties for sustainable development; going on a boat trip on the Bay looking at the significant buildings; learning about the barrage and history of the site and designing their own building for Cardiff Bay. Pupils will compare aerial photographs and maps, locate places in Cardiff Bay accurately, using map co-ordinates and use 4 and 6 figured grid references. They will investigate the architecture of the various innovative buildings in Cardiff Bay, express their opinions about the buildings giving positive and negative points and discuss the advantages and disadvantages of new developments at Cardiff Bay. Through history, pupils will compare and contrast Cardiff Bay 'now' and 'then' and research current developments in Cardiff Bay. They will be able to identify the land use in Cardiff Bay and describe how processes result in changes to places. When looking at sustainability, pupils will describe the role of people in managing their environment, and the effects this has, evaluating different opinions to help form and express own views and make decisions, including about current geographical issues.</p>		
Key Vocabulary		
<p>Aerial photograph, human and physical features, roundabout, distance, kilometers, motorway, flyover, main road, junction, bay development, attraction, facility, headlands, flats – beach/sandy area, oil, storage terminal, heliport, docks basin, footbridge, hospital, industrial estate, allotment garden, landuse, coordinates, sketch map, current development, environmental issue, sustainability, sustainable resource, tourism</p>		
Further reading list		
<i>(Reading these commercial texts would support and enhance learning in the domain.)</i>		
<ul style="list-style-type: none"> Tales from the Mabinogion Paperback – Gwyn Thomas (Author) 		
Independent Learning Project		
<i>Pupils are asked to complete at least one independent learning project at home during the domain. Some suggestions are below.</i>		
Create a persuasive tourist leaflet about Cardiff Bay.	Design your own building for Cardiff Bay - explain how your building is sustainable, eco friendly and how will it attract tourists and make money.	Visit Cardiff Bay and find out about one of the buildings.
Learn about the construction and operation of the Barrage, the freshwater environment and the impact of climate change.	Visit BayArt. The venue offers pupils of all ages the opportunity to discover and enjoy contemporary visual art.	Rhiannon Roberts is a Welsh artist based in Cardiff Bay. You can see some of her art work here: https://www.rhiannonart.co.uk/index.php?route=product/search&search=cardiff%20bay Create your own artwork representing the buildings at Cardiff Bay.
Record on a map of Wales, Cardiff Bay and Your own town/village as well as other places in Wales that are familiar to you. Write a description of Cardiff Bay's location.	Write specific directions to get from your house to Cardiff Bay.	Research how Cardiff Bay has changed over time.