

KS3 Geography Fieldwork Location: East Head and West Wittering beach

Fieldwork Topic Half or full day field trips	Fieldwork Activity Duration 30 – 45mins per activity	Human and Physical Geography	Geographical skills/Fieldwork
<p>Coastal Features –Spits, Beaches & Sand Dunes</p> <p>Students will be studying an accessible, fascinating and dynamic part of the UK coastline. Gaining an understanding of how geographical processes interact to create landscapes.</p> <p>We look at the formation of the Harbour coastline, the geographical time scale and how it has changed since the Ice Age.</p> <p>Fieldwork activities involve a variety of techniques with the opportunity to collect quantitative, numerical data to analyse and draw conclusions from back at school</p>	<ul style="list-style-type: none"> ▪ Map work with map/diagram written annotation on spits, beaches and sand dunes ▪ Beach profile survey to look at beach gradient and sediment ▪ Simple transect to study sand dune formation ▪ Field sketches of coastal features ▪ Bi-polar surveys of the contrasting coastline at East Head and West Wittering beach ▪ Plenary activity to make an East Head map using materials on the beach 	✓ ✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓ ✓
<p>Coastal Processes</p> <p>Students will consider the different processes taking place at the site, such as transportation, deposition and erosion. With fieldwork to study coastal processes such as Long Shore Drift.</p> <p>Fieldwork activities involve a variety of techniques, with the opportunity to collect quantitative numerical data to analyse and draw conclusions from back at school</p>	<ul style="list-style-type: none"> ▪ Interactive games, diagrams & talks to explain coastal processes ▪ Groyne field transect survey ▪ Groyne sediment height survey ▪ Long shore drift activity 	✓ ✓ ✓ ✓	✓ ✓ ✓ ✓
<p>Investigating Coastal Management</p> <p>Students will consider why we need sea defences and study the different soft and hard engineered methods used at East Head.</p> <p>This session will help students to understand the interaction between people and their environment.</p> <p>There is also an opportunity to look at how the National Trust manages East Head for the benefit of the landform, wildlife and visitors.</p> <p>Fieldwork activities involve a variety of techniques, with the opportunity to collect quantitative numerical data to analyse and draw conclusions from back at school</p>	<ul style="list-style-type: none"> ▪ Annotation of maps & written notes to explain coastal management at this site. ▪ Sea defence field sketches and bi-polar surveys. 	✓ ✓	✓ ✓

For more information or to make a booking please contact Chichester Harbour Education Centre
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