

PARENT NOTES

Geography

Human & Physical Geography - Coastal Processes



At A Glance:

- ✓ GCSE Geography
- ✓ Key Stage 4
- ✓ National Curriculum 2014
- ✓ Practises investigative fieldwork skills
- ✓ Expands knowledge of coastal processes

About this activity

This is a geography resource that engages students with their visit to Blackgang Chine; it features pre-visit, on-site and post-visit activities.

The resource task enables students to develop their knowledge of the physical processes taking place in the Blackgang Chine park and environs, e.g. coastal erosion. The resource promotes pre-visit discussion and research, on-site investigation in processes evident at the park, the use of geographical vocabulary, and post-visit

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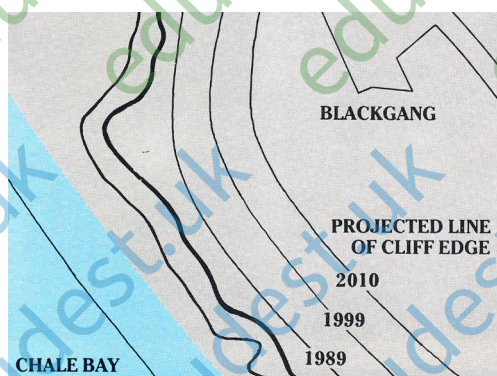
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What's Involved?

Students research the likely physical processes/effects present at Blackgang and the area.

They will record their observations when at the park, using photographs and detailed notes. On return to school they will draw conclusions from their data.



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What is the task?

- ▶ This is a geography task focusing on physical processes as seen in the Blackgang area, their impact and future effect.
- ▶ The task requires students to discuss their ideas and predictions pre-visit, investigate and collate evidence on-site, and then summarise their findings / drawing conclusions after their visit.

How does this link to my child's learning?

- ▶ The task focuses specifically on subject content & skills required as part of the Geography curriculum at key stage 4: investigating coastal landscapes and processes that change them, and geographical skills and fieldwork.

What will they learn?

- ▶ Students will be learning about the processes of coastal erosion and the effect on human and natural environments.
- ▶ They will learn what to look for and how to record their observations (using photographs and notes) and how to collate/draw conclusions from these.

How does this enrich study undertaken in school?

- ▶ This resource enables to complete essential geographical skills and fieldwork practice in a significant location with relevant coastal features and processes evident.

“Our planet’s surface is constantly renewed by plate tectonics, coupled with erosion...”

- Robert Duncan

What do they need to have done in preparation?

- ▶ Students will learn about the coastal zone and key physical / human processes that typically take place there.
- ▶ They should have completed some research into the Blackgang coastal area and its features pre-visit.

What skills do they need to demonstrate?

- ▶ Geographical enquiry skills
- ▶ Understanding key processes in physical geography (rocks, weathering and soils; weather and climate)
- ▶ Extracting information from various sources and making relevant notes
- ▶ Labelling and annotation of photographs
- ▶ Describing, analysing and interpreting evidence.

Useful Resource Links:

- ▶ <http://blackgangchine.com/about-us>

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This activity was compiled by **Education Destination** in conjunction with **Blackgang Chine**. We help students of all ages and abilities to experience excellent curriculum based learning opportunities at many Island venues and attractions.



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Blackgang Chine: Land of Imagination will entertain, engage and excite visitors of all ages. This coastal theme park allows the imagination to run wild. Become a pirate, dinosaur expert or cowboy and discover the hidden world of the smugglers!



blackgangchine.com

For further reading about erosion on the Isle of Wight, **wikipedia** offers an excellent article. This would serve as an ideal introduction for learners prior to their visit, and is suitable for ages 7 upwards.



wikipedia.org

What other follow-up tasks are there?

In addition to the task detailed, students could also:

- ▶ Carry out a larger project on coastal processes on the Isle of Wight as a whole
- ▶ Explain how other landmarks (such as The Needles) were created from the process of erosion.

Is there any scope for future learning at Blackgang Chine?

- ✓ Yes. There are many other subjects and tasks developed for this key stage and for subsequent visits. There is much to be learned here!
- ✓ See our website's venue pages for more great learning options!

