

# TEACHER NOTES

## Geography

### Human & Physical Geography - Coastal Processes

## Contextual Summary

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 summary of findings and predictions.

The task is designed for students of geography in key stage 4.

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at Blackgang Chine and the surrounding area during pre-visit preparation. They will have already learned about erosion and other key physical processes. They can research the history of erosion at the park via google search and at [www.blackgangchine.com/about-us](http://www.blackgangchine.com/about-us).

During their visit to the park, students will then record their observations of physical processes at the park, their causes and their impact.

On return to school, students will summarise their discoveries by answering a set of key questions that relate to both physical and human processes, making links between these and the environment seen at Blackgang Chine park and the immediate locale. They will consider impact, and the future likelihood of continuing effects on the landscape. They will annotate their photographs with notes taken during the visit.

## Ability Levels

This resource is suitable for key stage 4 students. There are two variants - the version for lower ability features simplified instructions and supporting notes on erosion at the site.

### Key skills practised in this unit:

- ▶ 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.

## Relationship to Curriculum

The above skills are required to be taught and practised as per the National Curriculum, for KS4 Geography.



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### SUBJECT

Geography

### UNIT

Coastal Processes

### OPPORTUNITIES FOR USE

- ✓ Pre-Visit
- ✓ On-Site Activity
- ✓ Post-Visit

Peripheral Task



S4-S5

### CURRICULUM / SYLLABUS

- ✓ All exam boards.

Applies to Resource/s numbered:

1	0	6	1	1	1
1	0	6	1	1	2

## Learning Opportunities

Students will make use of the Geography resource linked to this teacher note at each stage - pre/post visit and on-site:

*The Changing Coast at Blackgang Chine*

Resource ID: **106111** (KS4 lower ability) or **106112** (KS4 higher ability)

### Pre-Visit

- ▶ Students will research the Isle of Wight coastal zone and key processes that take place there.
- ▶ They make notes on what they may expect to find at Blackgang in terms of the coastal landscape.

### During the Visit

- ▶ Record their observations using notes and photographs (for later collation/annotation).

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## Enrichment Opportunities

- ✓ This resource will provide students with an enriched experience as they will be using their visit to learn about key coastal processes in an area with many interesting and relevant geographical features.
- ✓ Students are developing their use of geographical data as collated during fieldwork studies.

## Learning Outcomes

- ✓ Students will gain an understanding of the physical coastal processes affecting the south coast of the Isle of Wight, specifically the Blackgang area. They will consider the human impact.
- ✓ They will develop their skills of collation and evaluation, and will draw detailed conclusions based on their notes.

### Possible follow-up tasks:

In addition to the task detailed, students could also:

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

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