

TEACHER NOTES

Geography

Human & Physical Geography - Coastal Processes



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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 and human processes taking place in the Blackgang Chine park and environs, e.g. coastal erosion and impact of tourism, etc. The resource promotes pre-visit discussion and research, the use of geographical vocabulary, and post-visit summary of findings and predictions.

The task is designed for students in key stage 3.

SUBJECT

Geography

UNIT

Coastal Processes

OPPORTUNITIES FOR USE

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

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preparation. They will have already learned about erosion and other key physical processes. They can research the history of erosion at the park at www.blackgangchine.com/about-us.

During their visit to the park, students will then record their observations of physical and human processes at the park (and impact, if relevant).

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.

CURRICULUM / SYLLABUS

- ✓ National Curriculum 2014
- ✓ Curriculum for Excellence

Applies to Resource/s numbered:

1 0 6 1 3 1
1 0 6 1 3 2

Ability Levels

This resource is suitable for key stage 3 students. There are two variants - the version for lower ability features simplified instructions, and examples.

Key skills practised in this unit:

- ▶ Understanding key processes in physical geography (rocks, weathering and soils, weather and climate)
- ▶ Understanding key processes in human geography (economic activity: tourism)
- ▶ Using fieldwork to collect, analyse and draw conclusions from geographical data.

Relationship to Curriculum

The above skills are required to be taught and practised as per the National Curriculum, for KS3 Geography.

Learning Opportunities

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

Impact Study! Resource ID: **106131** (KS3 lower ability) or

106132 (KS3 higher ability)

Pre-Visit

- ▶ Students will learn about the coastal zone and key processes that take place there.
- ▶ They complete the first section of the resource (page 1) completing research and discussions.

During the Visit

- ▶ Record their observations on page 2 of the FD resource.

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▶ Students complete the questions on page 3, summarising their observations and drawing conclusions

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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 human and physical (coastal) processes affecting the south coast of the Isle of Wight, specifically the Blackgang area.
- ✓ They will develop their skills of collation and evaluation, and will draw conclusions.

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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