

Impact Study! Blackgang: Physical and Human Processes

By observing physical and human processes at Blackgang, we can understand the geographical features of the site.

Student Introduction

- ▶ Human and physical processes have been having an impact on Blackgang, the chine, and the surrounding area for many years.
- ▶ In fact, the physical processes at the site have resulted in the discovery of dinosaur remains and other finds!
- ▶ Your task is to research the processes likely to be having an impact on this geographical area - both physical and human processes - and to see how they have changed over time.

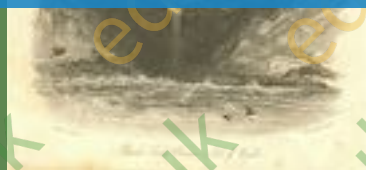


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situated some 500 feet above the sea overlooking Chale Bay. Stretching some three quarters

of a mile down to the shore, it was a wild and desolate place frequented by none other than the local fisherman, although rumours were rife of a thriving smuggling trade!



Pre-visit Discussion Questions

- » How might the land near a chine (a deep crack in the wall of a cliff) change over time?
- » How may coastal landscapes change due to climate and weather effects?
- » How might the introduction of a theme park at the location in the 19th century have changed the characteristics of the site and the surrounding areas?
- » Which rock types might you expect to find at these cliffs in the south of the Isle of Wight, and what risks do they face from coastal processes?

Independent Task

What can you find out about the Blackgang site using internet research? Before your visit complete your research, make some notes, and form some opinions as to what you might expect to see on-site.

Complete the table below with your observations

Example of Physical Processes evident	Impact? As evidenced at Blackgang Chine and surrounding area	Example of Human Processes evident	Impact? As evidenced at Blackgang Chine and surrounding area

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Summary of Findings

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How would you describe the coastal environment at Blackgang Chine and its environs?

What key processes were evident at Blackgang Chine?

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How are these likely to affect the coastline here in the future?

What human processes were evident and what, if any, impact do they have?

Did you see evidence of human attempts to prevent erosion? If not, why not?

