

PARENT NOTES

Geography

Physical Geography: Ice Age Effects



At A Glance:

- ✓ Geography
- ✓ Key Stage 3 (and KS4 for revision)
- ✓ National Curriculum 2014
- ✓ Focuses on Key Geographical Concepts and Questions

About this activity

Students will use their knowledge and understanding of the geomorphological processes and their central role in shaping landscapes and environments to observe and record evidence of change and human intervention and reaction to change. Throughout, they will be using geographical vocabulary, particularly Key Concepts and Questions, in context and will learn how to co-operate in field work conditions. The resource spans a period from the last Ice Age to the present and provide information to consider future climate change and its impact.

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What's Involved?

This set of resources helps students to learn about how change in climate and subsequent geological/geographical change shapes human lives and development over time by studying the Solent area, a specific south-eastern coastal environment of the UK.



"Ice ages have come and gone..."

- Sylvia Earle

Funnel trip they will practise recognising and recording features under field work conditions. As a post-visit activity they have the opportunity to collate their findings and take their investigation further by studying how climate change and rise of sea level might change the Solent Area and the lives of its inhabitants in future. There is opportunity to present and evaluate individual and group work at all stages of this investigation.

Questions & Answers

What is the task?

- ▶ Students will be given an introduction to the geological and pre-historical conditions under which Stone Age people lived in the Solent Area.
- ▶ Students will identify the main points of how climate change and geomorphological processes shape the environment and human in the past, present and future.

How does this link to my child's learning?

- ▶ This activity will enhance the students' knowledge and understanding of large scale geological and geographical changes affecting lives. It will re-inforce understanding of geographical concepts and vocabulary in a real-life context.
- ▶ Like all field work activities, this resource will allow students to engage with an exciting and new environment in which they can apply and develop their knowledge of the world around them. It will also allow them to develop their team-working skills.
- ▶ By creating their own resumes of the journey when back at school, the students will have ample opportunity to compare and evaluate their findings and their work.

What will they learn?

- ▶ Students will learn to recognise and identify evidence of geomorphological processes and change in a real environment and how to use recognise human activities designed to prevent or slow down change.
- ▶ They will learn to what extent human intervention can help to adapt to change.
- ▶ Finally, they will present and evaluate their geographical work as well as their success in working as a team.

How does this enrich study undertaken in school?

- ▶ The purpose of teaching Geography is to achieve an understanding and knowledge of the complex world around us. A field work activity like this creates and fosters an interest in the world and its many fascinating features by transforming the pages of a text book into real life.

What do they need to have done in preparation?

- ▶ Research the last Ice Age and prehistoric life of Palaeolithic people in Europe and Britain to gain an understanding of living conditions so far in the past.
- ▶ Learn how to recognise evidence of geomorphological change.
- ▶ Learn how co-operate under field work conditions.

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✓ Ability to recognise and record **www.edudest.uk**

✓ Team-working experience.

✓ Discussion and presentation skills.

Helpful Resources

Encourage your child to research Red Funnel ferries, The Solent and Southampton Water **before** their visit

This activity was compiled by **Education Destination** in conjunction with **Red Funnel**. 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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Red Funnel brings learning alive the moment you step aboard the vessel. Your passenger or vehicle ferry ride will be an amazing learning opportunity in subjects such as Science, Geography, Mathematics, PSHE & English - for all ages and interests!



redfunnel.co.uk

For further reading about Red Funnel ferries, Southampton Water, The Solent or the Isle of Wight, **wikipedia** offers an excellent range of articles.

This would serve as an ideal introduction for learners prior to their visit, and is suitable for ages 7 upwards.



wikipedia.org

