



TEACHER'S PACK

Year 10 and ISEB Common Entrance- Field Studies

You can choose from the following topics for your day visit.

- **River Studies**
- **Village Comparison**

Days normally run from 10am to 2.30 pm depending on when you have to leave from school and get back to school by.

If you would like to stay longer and come and experience a residential we can arrange extra activities for the evening such as Forest Skills and campfires.

The cost is £10 per pupil per day with a minimum fee of £200 for the day.

Maximum 30 students per day.

For more information please contact Penny Rose

penny@sustainability-centre.org

or 01730 823166

River Studies KS4/ ISEB CE:

How does the channel of the River Meon change as you go downstream?

Students will observe and take measurements of the river channel near the source, in the village of East Meon, at Drayton and at Exton.

Measurements will include:

- channel width,
- channel depth
- channel cross-section area
- mean velocity
- load survey
- channel bed roughness
- gradient
- wetted perimeter
- meander

Students can take photographs and/ or field sketches. They will also use a sustainability index and there will be opportunities to discuss the sustainability and potential uses of the river.

Students will gain an appreciation of the changes in the stream characteristics and a greater understanding of what influences these changes. They will take away photos, impressions and quantitative data for their GCSE Controlled Assessments or CE fieldwork.

Curriculum links:

Geography GCSE Controlled Assessments:

AQA Specification A: Water of the Land; Rocks, Resources and Scenery

AQA Specification B: Water – a precious resource

AQA IGCSE: River Processes and Pressures; Application of Geographical Skills.

AQA ELC: Rivers.

Edexcel Specification A: A Watery World; River Landscapes; Geographical Skills.

Edexcel Specification B: River Processes; Water World.

Edexcel IGCSE: River Environments; Practical Geography Enquiry.

Edexcel Certificate: River Environments; Geographical Enquiry.

OCR Specification A: Geographical Skills.

OCR Specification B: Rivers and Coasts.

OCR Short Course: Rivers and Coasts; Geographical enquiry.

OCR ELC: Rivers.

WJEC Specification A: Water.

WJEC Specification B: River Processes and Landforms.

Data collection for **Common Entrance** fieldwork and reinforcement of Rivers theme.



Pre-visit suggestions:

- Check out our website <http://www.sustainability-centre.org/> with your class
- Remember to bring cameras with you on the day.

Post-visit suggestions:

- Fill out the feedback forms that we will send you back at school to reflect on what was learnt during your visit.
- Join our Facebook page <http://www.facebook.com/pages/Sustainability-Centre/246307236589> and post any photos you have from your day with us.

Village Studies KS4:

What factors have influenced the characteristics of the village of East Meon and West Meon?

An investigation of the similarities and differences between the two villages and an opportunity to investigate the factors that have led to their development. The study will also address the issues surrounding the sustainability of rural settlements.

Observations will include:

- Traffic flows
- Survey of services
- Building ages
- Questionnaire survey
- Digital photographs and/ or field sketches
- Sustainability Index

Data to also consider are:

- Kelly's Directory entries
- Census data
- Parish Council plans



Data collection for GCSE controlled assessments.

Links to the following topics:

AQA Specification A: Changing rural environments.

Edexcel Specification A: Settlement change.

Edexcel Specification B: Changing economy of the UK; Changing settlements of the UK; The challenges of the rural world.

Edexcel Certificate Geography: Economic activity and energy; Ecosystems and rural environments;

OCR Specification A: Similarities and differences in settlements and population; Population change; Geographical skills.

OCR Specification B: Theme 2 Population and settlement.
OCR ELC Geography: People and places.

Science: The impact of humans on the environment depends on social and economic factors, including population size, industrial processes and levels of consumption and waste; the importance of sustainable development; the efficient use of energy.

Citizenship: How local priorities are established and monitored, and how young people are consulted by the local authority; how to contribute to local decisions that will influence quality of life and the environment in the future.

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