Biodiversity and Conservation (4 day course)

Flatford Mill located in the heart of the Area of Outstanding Natural Beauty, was made famous by the artwork of John Constable. With a rich mosaic of lowland and landscapes giving rise to a diverse range of habitats and environments on the centre grounds, salt marsh a stones through away and the coast within a 45 minute drive, Flatford has something for every course. Only an hour from London and with excellent road and rail access, the beautiful, historically important Grade I listed 18th century water mill is at the end of a lane which has no through traffic. It offers visitors of all ages a much sought-after sense of tranquility to complement a unique outdoor learning environment in combination with workrooms and technology opportunities.

Our courses are designed to fit the criteria of the national curriculum and other life skills. As such they are designed to:

- Cover material from the Science curriculum and enhance fieldwork understanding.
- Help to deliver a rich practical experience for students that goes above and beyond specification.
# Biodiversity and Conservation 4 day course

To make the most of your visit to Flatford Mill Field Centre, this course can be tailored to meet your needs. With the opportunity to select the number and content of fieldwork days, your students’ experience will stand them in good stead for the future undertaking fieldwork at GCSE and A level.

## Outline of the full course:

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| 1   |         | Arrive 1200, settle into rooms | Teambuilding Activities  
This session will focus on team building activities within the spectacular natural environments surrounding FSC learning locations, to develop interpersonal and social skills. Students will get to know each other and work together to overcome fun challenges, which will foster an enhanced sense of group spirit. There will be opportunities for students to begin exploring their new environment and to develop knowledge of their surroundings. |
| 2   | Biodiversity - Surveys and Data  
Students visit the shorelines, rivers or other natural habitats of Britain to discover the amazing variety of life that occurs in the British Isles. They will learn how we identify, classify and protect the vast variety of wildlife that makes the British Isles such a special place, while taking part in national surveys and a range of data collection techniques. There will be opportunities to learn about Local Biodiversity Action Plans and take part in Citizen Science projects and look at how monitoring different species has shown the effect of climate change on our natural habitats. | Future Earth  
How do humans impact on the natural world? What does this mean for us in the future? In this session students explore how we use resources and energy, how we would like to live in the future and how we can work with nature to ensure a flourishing future for all life. Activities could include Energy Audits, Ecological Footprints, Food Choices, and Renewable Energies Monitoring. |
| 3   | Local Conservation Success  
An in-depth look at a local conservation success; Why did it need to happen? What made it a success? Who are the stakeholders? What can we learn for other issues? Students will undertake a site visit, collect data and meet the people involved in the project, exploring the strategies and issues behind the scheme or development. | Natural Habitats  
Situated in stunning locations and surrounded by distinct and special habitats, FSC centres provide the ideal venue to explore the rich diversity of British wildlife. This session will focus on how we can enhance the wildlife value of these habitats and how we can start to bring wildlife into our everyday life by creating urban green spaces, wildlife corridors, gardens and ponds. Students | Hidden Wildlife  
Students will discover the wildlife hidden within the landscape, exploring off the beaten track for animal tracks and signs. They will gain an appreciation of the threats that the modern world imposes on these animals and how we can improve and protect their habitats. Activities could include surveying small mammals, detecting bats, monitoring moths and dissecting owl pellets. |
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<td>will take part in a range of exciting, practical conservation activities, doing their bit to improve the abundance and quality of the habitats around them.</td>
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| 4 | **Woodlands and Sustainable Living**  
Students will investigate this vital part of our life support system, which provides the oxygen we breathe, a carbon sink and flood mitigation. Students will explore the eco-system services that trees provide, from biodiversity islands to natural pharmacies, through a series of active fieldwork activities. Students will learn about the phenological events to look for in trees in their locality and the national surveys that they can take part in. An opportunity for several bushcraft activities will also be provided. | **Course ends at 1200**  
Please note: to ensure safety and quality learning experiences for students, the programme may alter depending on weather or local factors at centres. |
What is included in the fee?

- Up to 10 hours of tuition a day
- Expert tuition, from fully trained staff
- Full board accommodation. Catering includes cooked breakfast, packed lunch, homemade cakes and evening meal.
- Use of facilities including workrooms, recreational space, ICT and centre grounds
- Established health and safety procedures and 24 hour emergency cover
- Access to specialist equipment and resources
- Support before and following the course

Tuition is delivered by talented tutors, with not only an expert knowledge of their subject and field work locations, but a passion for the subject being taught. Our education team are fully DBS checked, and undergo a regular and rigorous training process. All tutors have received training in first aid, risk assessment and water safety.

Course options listed in this booklet can be selected to put together a programme designed to meet the requirements of your specification. However, if you need something that is not catered for in the field work investigations, please contact us to discuss possible alternatives.

External Recognition of Quality

Flatford Mill has been awarded the Quality Badge by The Council for Learning Outside the Classroom. The badge is awarded to organisations that have demonstrated that they consistently deliver high quality teaching and learning experiences and manage risk effectively.

This means that you will have to complete less paperwork when visiting our centre

To make a booking or if you have an enquiry:

Call us on 01206 297110

Email us at: enquiries.fm@field-studies-council.org