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.
# The Appliance of Science 3 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:

<table>
<thead>
<tr>
<th>Day</th>
<th>Morning</th>
<th>Afternoon</th>
<th>Evening</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td><strong>Arrive 1200, settle in to rooms</strong></td>
<td><strong>Team Building Activities</strong>&lt;br&gt;This session will focus on team building within the spectacular natural environments surrounding Flatford Mill. Students will get to know each other and work together to overcome fun challenges. There will be an opportunity for students to begin exploring their new environments and develop knowledge of their surroundings.</td>
<td><strong>The Twilight Zone</strong>&lt;br&gt;This session aims to give students the opportunity to develop their understanding of how ecosystems change throughout the day. Students will be introduced to nocturnal creatures and will cover concepts such as niche and the relationships between organisms. Students will also gain an appreciation of the night sky and how astronomy is used in science.</td>
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<td>2</td>
<td><strong>Investigating This...and That!</strong>&lt;br&gt;This session will engage students’ curiosity about the natural world as they progress through a scientific enquiry based on their own observations. They will have the opportunity to explore one of our inspiring learning locations leading to a deeper understanding of the spectacular environment they are immersed in. Students will begin to appreciate key biological concepts such as interactions between organisms, photosynthesis and variation within ecosystems. Students will use independent and interdependent learning to design their own investigation and use appropriate fieldwork techniques to collect data relating to their key question.</td>
<td><strong>Super-Small Science Scenarios!</strong>&lt;br&gt;Working in teams, students will be set a fun challenge to overcome via creative planning. This will enable them to conduct a short, sharp investigation or activity to explore another scientific concept which includes physics and chemistry, linked into an environmental context.</td>
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<td>3</td>
<td><strong>What Does It All Mean!?</strong>&lt;br&gt;This session will allow students to explore the data they have collected as they continue through their scientific enquiry. Their data will be analysed using a variety of techniques to identify patterns and trends before students construct a presentation explaining their investigation and what they have found. They will also have the opportunity to identify limitations, evaluate their study and think creatively about how these problems could be overcome in the future.</td>
<td><strong>Course ends at 1200</strong>&lt;br&gt;Please note: to ensure safety and quality learning experiences for students, the programme may alter depending on weather or local factors at centres.</td>
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</table>
**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

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**To make a booking or if you have an enquiry:**

Call us on 01206 297110

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