



*Step out of the classroom and venture in to the Green House to begin your journey of eco discovery...*

The Green House Project is a sustainable refurbishment project which not only addresses improving the building fabric but also looks at other ways of reducing the carbon emissions by the implementation of an efficient heating system, renewable energy technologies, encouragement of biodiversity and water efficiency measures.

The St Ives Green House is situated at 1 St Audrey Lane, and provides an inspirational learning environment for key stage 1, 2 and 3 pupils. A visit gives pupils a chance to see for themselves how the environment may be improved and sustained by making changes within the home. Visits to the property are FREE and groups of up to 30 children are welcomed.



A visit to the property aims to meet the following learning outcomes:

| Curriculum links  | Geography  | Science   | Citizenship   |
|-------------------|--|---|---|
| <p><b>KS1</b></p> | <p>5a - Recognise changes in the environment</p> <p>5b - Recognise how the environment may be improved and sustained</p> | <p><b>Sc2 Life processes and living things</b><br/>5c - Care for the environment</p> <p><b>Sc4 Physical processes</b><br/>1a - About everyday appliances that use electricity</p> | <p>2c: pupils recognise choices they can make</p> <p>2g: know what improves and harms their local, natural and built environments and about some of the ways people look after them</p> <p>5a: take and share responsibility.</p> |

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| <p><b>KS2</b></p> | <p>5a - Recognise how people can improve the environment or damage it, and how decisions about places and environments affect the future quality of people's lives.</p> <p>5b - Recognise how and why people may seek to manage environments sustainably, and to identify opportunities for their own involvement</p> <p>Pupils should be taught the knowledge, skills and understanding through study i.e. an environmental issues caused by change in an environment and attempts to manage the environment sustainably.</p> | <p><b>Sc2 Life processes and living things</b><br/>5a – About ways in which living things and the environment need protection</p> <p><b>Breath of study</b><br/>During the KS, pupils should be taught the knowledge, skills and understanding through<br/>a – a range of domestic and environmental contexts that are familiar and of interest to them</p> | <p>2j - That resources can be allocated in different ways and that these economic choices affect individuals, communities and the sustainability of the environment</p> <p>5a - Take responsibility [for example, for planning and looking after the school environment; for identifying safe, healthy and sustainable means of travel when planning their journey to school]</p> |

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| <p><b>KS3</b></p> | <p>5a - Describe and explain environmental change and recognise different ways of managing it.</p> <p>5b - Explore the idea of sustainable development and recognise its implications for people, places and environments and for their own lives</p> <p>6j - Environmental issues include –<br/>How conflicting demands on an environment arise<br/>How and why attempts are made to plan and manage environments<br/>Effects of environmental planning and management of people, places and environments.</p> <p>6k - Resource issues, including –<br/>The source and supply of resource<br/>The effects on the environment of the use of a resource<br/>Resource planning and management (alternative energy sources)</p> | <p><b>Sc2 Life processes and living things</b></p> <p>5a - Ways in which living things and the environment can be protected, and the importance of sustainable development</p> <p><b>Sc4 Physical processes</b></p> <p>5 - Energy resources and energy transfer</p> <p>5a - The variety of energy resources, including oil, gas, coal, biomass, food, wind, waves and batteries, and the distinction between renewable and non-renewable resources.</p> <p>5b - The sun as the ultimate source of most of the Earth's energy resources</p> <p>5c - Electricity is generated by means of a variety of energy resources</p> | <p><b>1i</b> – the world as a global community, and the political, economic, environmental and social implications.</p> |

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|------------------|-----------|--|---|
| KS4              |           | <p><b>Sc2 Life processes and living things</b></p> <p>5b - How the impacts of humans on the environment depends on social and economic factors, including populations size, industrial processes and levels of consumption and waste</p> <p>5c - The importance of sustainable development</p> <p><b>Sc4 Physical processes</b></p> <p>5a - How insulation is used to reduce transfer of energy from hotter to colder objects</p> <p>5b - About the efficient use of energy, the need for economical use of energy resources, and the environmental implications of generating electricity</p> | <p><b>1j</b> – The wider issues and challenges of global interdependence and responsibility, including sustainable development.</p> |

### How to book a visit

To book an appointment to view please call **01480 388315** or **01480 388304**

### Contact details

For further information on the Green House Project please email [greenhouseproject@huntingdonshire.gov.uk](mailto:greenhouseproject@huntingdonshire.gov.uk)

Or visit [www.greenhouseproject.co.uk](http://www.greenhouseproject.co.uk)