

Green STEM Project: Green Issues with Science Topics

Type	Pollution, Energy Generation and Waste management
Purpose	To show pupils the need for protection of the environment and the various places in which alternative energy can be used or the impact of our actions on the environment can be reduced.
Description	<ul style="list-style-type: none">• The topics contains 5/6 'stand alone' lessons that fit into already established Science topics, the project will include links with technology and maths in different areas.• The mini projects will include: Different forms of energy generation Problems caused by fossil fuels The need to recycle, energy conservation in the home and environmental issues relating to wildlife which are caused by humans.
Cross-Curricular links:	Some links to maths and technology – these may only be minor in that technology teaches a section of 1 mini project and same within maths.
Keystage	mainly KS3, leading to KS4
Breakdown of hours ¹	<ol style="list-style-type: none">1. Different forms of energy generation2. Problems caused by fossil fuels3. Energy conservation in the home4. Environmental issues relating to wildlife5+6. The need to recycle, creating a recycling sorting box

If you would like more information regarding this project, please contact Klaus Selke on 01482 372677 or klaus@heta.co.uk.

¹ Guideline only, can be varied within the total time
