



## Curriculum Links: (KS1/P1-P3)



### Key Stage 1 Curriculum Links

Generation Green supports *Science* and *Geography*, with an emphasis on *Active Citizenship* and personal responsibility. The links below show how each lesson links into your curriculum.

Taking part also develops a number of important life skills for pupils, and for your school, can enhance your work towards becoming more sustainable. You can find further information on how Generation Green can support your work towards the *National Framework* for Sustainable Schools, and accreditation through *Eco-Schools*.

### Supporting the National Framework for Sustainable Schools

The government would like all schools to be sustainable by 2020. To help you on your journey, the National Framework for Sustainable Schools introduces eight 'doorways' through which your school can explore sustainability and take practical action to reduce your impact on the Earth. The 'doorways' can be explored in their own right, while also being interconnected.

They support a whole-school approach that integrates sustainable thinking and action into the whole life of the school, its buildings and grounds, and your local community.

Generation Green can support your work to become a more sustainable school. In particular, it can help you to explore the following 'doorways':

- Energy and water
- Travel and traffic
- Buildings and grounds
- Inclusion and participation
- Local well-being
- Global dimension

To explore each doorway in detail, visit:

<http://www.teachernet.gov.uk/sustainableschools/framework/>

### Supporting Eco-Schools

Generation green can complement your participation in Eco-Schools. Eco-Schools is an international award programme that helps schools to embed sustainable principles into the heart of school life.

Eco-schools is free. Once registered, schools follow a simple seven-step process to address a variety of environmental themes. Just like Generation Green, your pupils take the lead to assess the environmental performance of your school, decide what they want to address and how they are going to do it.

Schools work towards gaining one of three awards - Bronze, Silver or Green.

Find out more at [www.eco-schools.org.uk](http://www.eco-schools.org.uk)



## Curriculum Links: (KS1/P1-P3)



### Lesson Plan 1 - What is Electricity?

#### England (KS1)

Science: Sc1 2b, Sc4 1a

#### Scotland (P1-P3)

##### *5-14 Guidelines*

Environmental Studies:

Energy and forces: Conversion and transfer of energy.

##### *3-18 Curriculum for Excellence*

Science:

Planet Earth:

Sustainability,  
climate and earth sciences

Energy in the environment:

Energy transfer,  
Energy sources

Social studies:

People, place and environment

#### Wales (KS1)

Science:

Scientific Enquiry, The Nature of Science 1.1

Physical Processes:

Electricity 1.1



## Curriculum Links: (KS1/P1-P3)



<b>Lesson 2 - Wind and Water Power</b>
<b>England (KS1)</b> Science: Sc1 1, 2
<b>Scotland (P1-P3)</b> <i>5-14 Guidelines</i> Environmental studies - level C <i>3-18 Curriculum for Excellence</i> Science: Planet Earth: Sustainability, climate and earth sciences Energy in the environment: Energy transfer
<b>Wales (KS1)</b> Science: Scientific Enquiry 1, 3
<b>Lesson 3 - The Power of The Sun</b>
<b>England (KS1)</b> Science: Sc1 1, 2 Maths: MA2, MA3, 4
<b>Scotland (P1-P3)</b> <i>5-14 Guidelines</i> Environmental studies - level C Maths: Problem Solving and Enquiry: Information Handling <i>3-18 Curriculum for Excellence</i> Science: Planet Earth: Sustainability, climate and earth sciences Energy in the environment: Energy transfer
<b>Wales (KS1)</b> Science: Scientific Enquiry 1, 3 Maths: Using and applying mathematics 1.2, Shape, space and measures 3.2



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### Lesson Plan 4 - In The Greenhouse

#### England (KS1)

Science: Sc1 1, 2b  
Geographical Enquiry 5a  
Literacy: En1 4, 10, En2 7

#### Scotland (P1-P3)

##### *5-14 Guidelines*

Environmental studies - level C  
English Language: Talking - level C

##### *3-18 Curriculum for Excellence*

Science:  
Planet Earth:  
Sustainability,  
climate and earth sciences,  
Energy in the environment:  
Energy transfer

Social studies: People, place and environment

#### Wales (KS1)

Science: Nature of Science 1.1  
Geography: Geographical Enquiry and Skills 1.1  
English: Oracy, Range 1.5



## Curriculum Links: (KS1/P1-P3)



### Lesson Plan 5 - Turn Down, Turn Off

#### England (KS1)

Maths: MA2 Processing, representing and interpreting data 5a  
Geographical Enquiry 5b

#### Scotland (P1-P3)

##### *5-14 Guidelines*

Maths: Problem Solving and Enquiry: Information Handling

Environmental studies - level C

Interaction of living things with their environment

Science: Earth in space

##### *3-18 Curriculum for Excellence*

Science:

Planet Earth:

Sustainability,  
Climate and earth sciences

Energy in the environment:

Energy transfer

#### Wales (KS1)

Maths: Using and applying mathematics 1.2

Shape, space and measures 3.2



## Curriculum Links: (KS1/P1-P3)



<b>Lesson Plan 6 - The Eco House</b>	
<b>England (KS1)</b> Geography: Geographical Enquiry 5b Design and Technology 1e	
<b>Scotland (P1-P3)</b> <b>5-14 Guidelines</b> Environmental studies - level C Interaction of living things with their environment Science: Earth in space 3-18 Curriculum for Excellence  Science: Planet Earth: Sustainability, climate and earth sciences  Energy in the environment: Energy transfer	
<b>Wales (KS1)</b>	Design and Technology, 3

<b>Lesson Plan 7 - Professor Green Says Reduce, Reuse, Recycle!</b>	
<b>England (KS1)</b> Citizenship 2b, g; 5g Design and Technology 2c, e	
<b>Scotland (P1-P3)</b> <b>5-14 Guidelines</b> Environmental Studies: Social subjects; people, events and societies Art and Design: Using materials, techniques, skills and media  <b>3-18 Curriculum for Excellence</b> Social studies: People, place and environment	
<b>Wales (KS1)</b>	Design and Technology, 3



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<b>Lesson Plan 8 - The Generation Green Club</b>
<b>England (KS1)</b> Citizenship 2b, g; 5g ICT 2d Literacy: En1 4, 10; En2 7
<b>Scotland (P1-P3)</b> <b>5-14 Guidelines</b> Environmental Studies: Social subjects; People in Society; Our Community English Language: Talking - level C; Functional Writing - level C <b>3-18 Curriculum for Excellence</b> Social studies: People, place and environment Technologies
<b>Wales (KS1)</b> Information Technology 2 English: Oracy, Range 1.5 Writing, Range 1.4, Skills 2.5



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### Assembly - The Big Green Happy House

#### England (KS1)

Geographical Enquiry 5b  
Design and Technology 1e  
Literacy: En1 4, 10

#### Scotland (P1-P3)

##### *5-14 Guidelines*

Environmental studies - level C

Interaction of living things with their environment

Science: Earth in space

English Language: Talking - level C

3-18 Curriculum for Excellence

Science:

Planet Earth:

Sustainability, Climate and earth sciences

Energy in the environment:

Energy transfer

#### Wales (KS1)

Geography: Geographical Enquiry and Skills 1.1

English: Oracy, Range 1.5

Design and Technology 3