



Curriculum Links: KS2, 7 - 11



Key Stage 2 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. Where specifications are changing, links to both current and revised specifications are included.

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



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Lesson 1 - Setting the Scene

England KS2

Science: Sc1 1a, 2i-k, Sc3 2g

Scotland P1 - P7

5-14 Guidelines

Environmental studies - level C

People in the past: Changes and continuity, cause and effect.
Technological capacity: Resources and how they are managed.
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 KS2

New KS2 from Sep 08

Science: Materials and their properties: Changing materials 4

Geography: Geographical Enquiry and skills 1, 4



Curriculum Links: KS2, 7 - 11



Lesson 2 - Once Upon a Time 300 Million Years Ago...

England KS2

Science: Sc1 1a, Sc2 5a, Sc3 2g

Geography: 2a, 5a, 5b

Scotland P1 - P7

5-14 Guidelines

Environmental studies - Level C

Technological capacity: Resources and how they are managed

Energy and forces: Conversion and transfer of energy

Environmental studies - Level E

Energy and forces: Conversion and transfer of energy

3-18 Curriculum for Excellence

Science

Planet Earth

Climate and earth sciences

Energy in the environment

Energy transfer

Energy sources

Social studies

People, place and environment

Wales KS2

New KS2 from Sep 08

Science: Materials and their properties: Changing materials 4

Geography: Geographical Enquiry and skills 1, 4
Themes 1, 2



Curriculum Links: KS2, 7 - 11



Lesson 3 - Energy In Our School

England KS2

Science: Sc1 1a, 5a
Geography: 1a, 2a, 2c, 5a, 5b 6e*
Citizenship: 2a, d, j

(* Applies if this lesson is to be used as part of the series designed to take pupils through an energy audit of their school.)

Scotland P1 - P7

5-14 Guidelines

Environmental studies - level C
Science: Earth in space

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 KS2

New KS2 from Sep 08

Science: Materials and their properties: Changing materials 4

Geography: Geographical Enquiry and skills 1, 4
Themes 1, 2



Curriculum Links: KS2, 7 - 11



Lesson 4 - How Much Energy Does Our School Use?

Depending on how you choose to deliver the activities, this lesson contains extensive opportunities to include data handling and numeracy tasks.

England KS2

Science: Sc1 1b, 2a
Geography: 5b
PSHE: 2a, 5a
Citizenship: 2a, d, j, 5a, c, d

Scotland P1 - P7

5-14 Guidelines

Environmental studies - level C

Technology: resources and how they are managed
Social and environmental responsibility - all levels
Skills: preparing for a task (level A-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 KS2

New KS2 from Sep 08

Science: Scientific enquiry: The nature of science 3
Communications in science 6
Investigative skills 1, 3

Geography: Themes 1, 2

PSE: Skills: Thinking, communication, ICT, number
Working with others

Range: Active Citizenship
Sustainable development and global citizenship



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Lesson 5 - What Are Our Schools Energy Habits?

England KS2

Science: Sc1 1a-b
Geography: 1b, 5a-b
PSHE: 5a
Citizenship: 2a, d, j, 5a, c, d

Scotland P1 - P7

5-14 Guidelines

Environmental studies - level C

Developing informed attitudes: Social and environmental responsibility (cross level)

Skills: Carrying out a task

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 KS2

New KS2 from Sep 08

Science: Scientific enquiry: The nature of science 3
Communications in science 2, 5, 6
Investigative skills 1, 2, 3, 8

Geography: Themes 1

PSE: Skills: Thinking, communication, ICT, number
Working with others
Range: Active Citizenship
Sustainable development and global citizenship



Curriculum Links: KS2, 7 - 11



Lesson 6 - What Can We Learn From Our Habits Check?

England KS2

Science: Sc1 1b, 2g, 2h, 2i-m
Geography: 1b-c 5a-b, 6e
PSHE: 2d, 2h, 5a
Citizenship: 1a, c, 2a, d, j, 5a, c, d

Scotland P1 - P7

5-14 Guidelines

Environmental studies - level C

Developing informed attitudes: Social and environmental responsibility (cross level)
Skills: Reviewing and reporting on a task

Information and communication technology - level B

Developing ICT capacity: Collecting and analyzing
Developing ICT capacity: Developing informed attitude

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 KS2

New KS2 from Sep 08

Science: Scientific enquiry: The nature of science 1, 2, 3
Communications in science 6
Investigative skills 1, 2, 3, 4, 8, 10

Geography: Themes 1, 2

PSE: Skills: Thinking, communication, ICT
Working with others

Range: Active Citizenship
Sustainable development and global citizenship



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Lesson 7 - Organising Our Campaign

England KS2

PSHE: 1a, 1c, 1e, 2h, 4a, 5a, 5d

Citizenship: 1a, c, 2a, d, j, 5a, c, d

Scotland P1 - P7

5-14 Guidelines

Environmental studies - level C

Developing informed attitudes: Social and environmental responsibility (cross level)

Skills: preparing for a task

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 KS2

New KS2 from Sep 08

Geography: Places 7
Themes 1

PSE: Skills: Thinking, communication, ICT
Working with others

Range: Active Citizenship
Sustainable development and global citizenship



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Lesson 8 - Action Against Energy Waste!

England KS2

PSHE: 1a, 1c, 1e, 2h, 4a, 5a, 5d

Citizenship: 1a, c, 2a, d, j, 5a, c, d

Scotland P1 - P7

5-14 Guidelines

Environmental studies - level C

Developing informed attitudes: Social and environmental responsibility (cross level)

Skills: Preparing for a task

Skills: Carrying out a task

Information and communication technology - levels A-C

Developing ICT capacity: Creating and presenting

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 KS2

New KS2 from Sep 08

Science: Scientific enquiry: Communications in science 1, 2
Investigative skills 1, 5

Geography: Places 7
Themes 4, 5

PSE: Skills: Thinking, communication, ICT
Working with others
Range: Active Citizenship
Sustainable development and global citizenship