

**GLOBAL
GOALS
CENTRE**



SPARKS
BRISTOL

WORKSHOP CURRICULUM LINKS GUIDE 2025

LED BY GLOBAL GOALS CENTRE

**Winner of the Okayama Global Education for
Sustainable Development Award 2024**



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For more information or to book a workshop
please email us at workshops@sparksbristol.co.uk
or visit globalgoalscentre.org

01. BIODIVERSITY

Why are plants so important? Come and discover how and why plants are used throughout our sustainable department store. Focus on palm oil or psychoactive plants and explore how they have changed the world as well as the challenges of using them. Make your own seed bomb and take away practical solutions to restore and improve biodiversity in your local area.

KS2

Geography



- Types of settlement and land use
- Economic activity including trade links
- The distribution of natural resources including energy, food, minerals and water

KS3

Geography



English

Citizenship

- Different ecosystems and biomes of the Earth
- Discuss and debate
- Resources and sustainability

KS4

GCSE Geography



GCSE Combined Science

GCSE Biology

- OCR: Dynamic development, Resource resilience
- Edexcel: Global development, Resource management
- AQA: The changing economic world, The challenges of resource management
- AQA Synergy: Explaining change – biodiversity, Guiding spaceship earth to a sustainable future
- AQA Trilogy: Using resources (sustainable development)
- Edexcel: Ecosystems and material cycles
- OCR Gateway: Community level systems
- Edexcel: Ecosystems and material cycles (Biodiversity & the effect of human interaction on ecosystems)
- AQA: Ecology (Biodiversity and the effect of human interaction on ecosystems)

KS5

A Level Geography

- Landscape systems

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02. CLIMATE

This informative and hopeful workshop considers the facts behind climate change, our roles as individuals and how we can build positive futures.

KS2



Geography

Science

Citizenship

- Energy and environment in the UK
- Environment in the UK
- Human impact on the environment
- Resources and sustainability
- Understanding the media

KS3



Geography

English

Citizenship

- Climate and Climate Change
- Discuss and debate
- Resources and sustainability

KS4



GCSE Geography

**GCSE Combined
Science**

**GCSE Chemistry
Enrichment**

- AQA – The challenges of resource management
- Edexcel – Resource management
- OCR – Resource resilience
- AQA Synergy – Guiding spaceship earth to a sustainable future
- AQA Trilogy – Using resources (sustainable development)
- OCR 21st Century What is the evidence for climate change?
- OCR 21st Century – The evidence for climate change
- Student leadership teams

KS5

**A Level Geography
Enrichment**

- Four key themes
- Student leadership teams
- Preparation for Youth Social Action

**ENRICHMENT
OPPORTUNITY**

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03. CLIMATE ACTION PLANS

This hands-on workshop facilitates expert pupil contributions to your school's sustainability and climate action plan.

KS2



**Citizenship
Geography**

Science

- Resources and sustainability
- Energy in the UK
- Environment in the UK
- Human impact on the environment

KS3



**English
Geography
Citizenship**

- Discuss and debate
- Climate and Climate Change
- Resources and sustainability
- Ideal for student leadership teams and eco clubs

KS4

Enrichment

- Ideal for student leadership teams and eco clubs

KS5

Enrichment

- Ideal for student leadership teams and eco clubs

**ENRICHMENT
OPPORTUNITY**

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04. ENERGY

This interactive workshop will get you thinking about energy sources and make links between energy use and sustainable choices. After a tour and activities you will take part in a creative activity to ‘spark’ new thinking at school!

KS2



Geography

Citizenship

- Energy in the UK
- Energy use and pollution
- Resources and sustainability

KS3



Geography

Science

English

Citizenship

- Environment in the UK
- Energy and resources
- Human impact on the environment
- Energy and Electricity
- Discuss and debate
- Resources and sustainability

KS4



GCSE Combined Science

GCSE Chemistry

- AQA Trilogy – Energy and Electricity
- Edexcel – Energy
- AQA Sustainable Development
- Edexcel – Fuels

KS5

A Level Geography

- Energy security

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05. FOOD

Have you ever thought of having less meat, shifting to plant based diets or trying edible insects? Come and savour some tasty insights into what sustainable diets might look like. Complete your visit with a mock discussion at the Houses of Parliament and share your visions for the future of food.

KS2



Geography

Design & Technology

- Land use
- Economic activity including trade links
- The distribution of natural resources including energy, food, minerals and water
- Understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed

KS3



Geography

English

Design & Technology

Citizenship

- Different ecosystems and biomes of the Earth
- Discuss and debate
- Understand the source, seasonality and characteristics of a broad range of ingredient
- Resources and sustainability

KS4



GCSE Geography

GCSE Business

GCSE Combined Science

GCSE Food Prep & Nutrition

- CR: Dynamic development
- Edexcel: Global development
- AQA: The changing economic world
- AQA: Influences on business (ethical considerations and globalisation)
- Edexcel: Growing the business (ethics and environment)
- OCR: Operations, finance and influences on business (ethics and environment)
- OCR 21st Century Living together food and ecosystems
- OCR Gateway - global challenges - feeding the human race
- AQA 3.5.1 Factors affecting food choice
- OCR Food (food provenance and food choice)

KS5

A Level Geography

- Global systems and global governance, Changing place; changing places

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06. GLOBAL CITIZENSHIP

Complete a range of activities and earn a global passport. Discover ways you can make a difference to people and the environment all over the globe!

KS2

Citizenship



Geography

- What is a citizen?
- Rules, rights and responsibilities
- Living in the UK
- What is sustainability?

KS3

Citizenship



English

- Resources and sustainability
- The roles played by public institutions and voluntary groups in society, and the ways in which citizens work together to improve their communities, including opportunities to participate in school-based activities
- Discuss and debate

KS4

GCSE Citizenship



Enrichment

- The UK and its relations with the wider world
- Identities and diversity in UK society
- Statutory citizenship
- The different ways in which a citizen can contribute to the improvement of his or her community
- Student leadership teams
- Preparation for Youth Social Action

**ENRICHMENT
OPPORTUNITY**

KS5

A Level Geography

- Relationships and connections

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07. MIGRATION

Discover the world of migration through the lives and art of artists who have migrated here. Listen to inspiring stories of refugees and migrants who found refuge in creative practices. Create your own art. Deepen your understanding of how all of humanity is connected and how migration has changed the way we speak, eat, create the beauty around us, relate to each other.

KS2

History



English

- Continuity and change
- Cause and consequence
- Similarity, difference and significance
- Make connections
- Writing poetry
- Listen to and discuss a wide range of fiction, poetry, plays, non-fiction

KS3

English

Geography



History

- Discuss and debate
- Population
- Migration
- Societal changes – development, globalisation, resources and conflict
- Post-war migration from Africa, the Caribbean and Asia

KS4

GCSE Citizenship



GCSE Geography

GCSE Combined Science

- The UK and its relations with the wider world
- Identities and diversity in UK society
- AQA – The challenges of resource management
- Edexcel – Resource management GCSE Geography OCR – Resource resilience
- AQA – The challenges of resource management
- Edexcel – Resource management GCSE Geography OCR – Resource resilience

KS5

A Level Geography

- Global systems and global governance

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08. SUSTAINABLE ENGINEERS

Test your critical thinking skills to plan a more sustainable urban area. Learn about engineering jobs and consider how your future career could help build the cities of tomorrow.

KS2

Citizenship

- Resources and sustainability

Science

- Human impact on the environment



KS3

English

- Discuss and debate

Citizenship

- Resources and sustainability



KS4

Enrichment

- Great for STEM careers enrichment

KS5

Enrichment

- Great for STEM careers enrichment

**ENRICHMENT
OPPORTUNITY**

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09. TRADE LINKS & FASHION

Come follow the journey of cotton, from plant to t-shirt while exploring who made your clothes through a visit to our Fashion Department. Consider where garments are made and from what materials. Learn about the impact of fast fashion on people and planet and engage in practical sewing activities to extend the life of a loved piece of clothing.

KS2



Geography

Design & Technology

- Locational Knowledge – Living in the UK
- Economic activity including trade links
- The distribution of natural resources including energy, food, minerals and water
- Energy use and pollution
- Make: select and use a wider range of tools and equipment to perform practical tasks
- Evaluate: understand how key events and individuals in design and technology have helped shape the world

KS3



Physics

English

**Design &
Technology
Citizenship**

- Energy
- Discuss and debate
- Impact on the environment, and the responsibilities of designers, engineers and technologists
- Resources and sustainability

KS4



GCSE Geography

GCSE Business

**GCSE Combined
Science
GCSE Design &
Technology**

- OCR: Dynamic development Geography
- Edexcel: Global development
- AQA: The changing economic world
- AQA: Influences on business (ethical considerations and globalisation)
- Edexcel: Growing the business (ethics and environment)
- OCR: Operations, finance and influences on business (ethics and environment)
- AQA Synergy: Guiding spaceship earth to a sustainable future
- AQA Trilogy: Using resources (sustainable development)
- AQA and OCR: Specialist technical principles (ecological and social footprint of textiles)
- Edexcel Core Content: Environmental, social and economic challenges

KS5

A Level Geography

**A level Design
Technology (Textiles)**

- Global systems and global governance
- AQA 3.1.6 Modern industrial and commercial practice

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10. TRAVEL

Come and join us on the Sparks Bus to explore how sustainable transport can help mitigate climate change and keep us healthy. Hop on the Sparks bike and show us how much pedal power you can generate. Clip on a Sparks heart monitor and find out how much exercise you get from walking. Leave with an action plan to support a shift to greener, healthier travel to your school.

KS2



Geography

- Living in the UK Geography
- Types of settlement and land use,
- economic activity including trade links,
- The distribution of natural resources including energy, food, minerals and water
- Travel and energy use and environment/pollution

Enrichment

- School council – development of active travel plans

ENRICHMENT OPPORTUNITY

KS3



Science

English

Citizenship

Enrichment

- Energy
- Discuss and debate
- Resources and sustainability
- School council – development of active travel plans

ENRICHMENT OPPORTUNITY

KS4



GCSE Citizenship

- The UK and its relations with the wider world
- Identities and diversity in UK society

GCSE Geography

- AQA – The challenges of resource management
- Edexcel – Resource management
- OCR – Resource resilience

GCSE Combined Science

- AQA Synergy – Guiding spaceship earth to a sustainable future
- AQA Trilogy – Using resources (sustainable development)

ENRICHMENT OPPORTUNITY

KS5

Enrichment

- Student leadership teams – active travel planning

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11. WASTE

Items don't disappear when we throw them away! This workshop considers what happens next, what we can do to reduce waste and how one person's waste is another's treasure...

KS2



**Citizenship
Science
Geography**

- Resources and sustainability
- Human impact on the environment
- What is sustainability?
- Human impact on the environment

KS3



**English
Citizenship**

- Discuss and debate
- Resources and sustainability

KS4



GCSE Geography

- AQA - The challenges of resource management
- Edexcel - Resource management
- OCR - Resource resilience

**GCSE Combined
Science**

- AQA Synergy - Guiding spaceship earth to a sustainable future
- AQA Trilogy - Using resources (sustainable development)

**GCSE Chemistry
Statutory
Citizenship**

- OCR 21st Century - Product disposal and recycling
- Contributions to community

KS5

A Level Geography

- Urban waste management

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12. WATER

Where does water come from and where does it go? In this workshop we consider what goes on behind the scenes when you brush your teeth and what happens when you can't access fresh water? Come to this workshop to think in new ways about this precious resource which we so often take for granted!

KS2



**Citizenship
Geography**

Science

- Resources and sustainability
- Environment in the UK
- Oceans, rivers and the water cycle
- Human impact on the environment
- The water cycle

KS3



Geography

English

Citizenship

- Water supply
- Climate and climate
- Discuss and debate
- Resources and sustainability

KS4



**GCSE Combined
Science**

GCSE Biology

GCSE Chemistry

- AQA Synergy Water
- OCR 21st Century water supply
- AQA - The water cycle
- AQA Water

KS5

A Level Geography

- Water and carbon cycles

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Sparks Bristol is a collaborative project led by Global Goals Centre (registered charity no. 1187048)
and Artspace Lifespace (registered charity no. 1168150).