

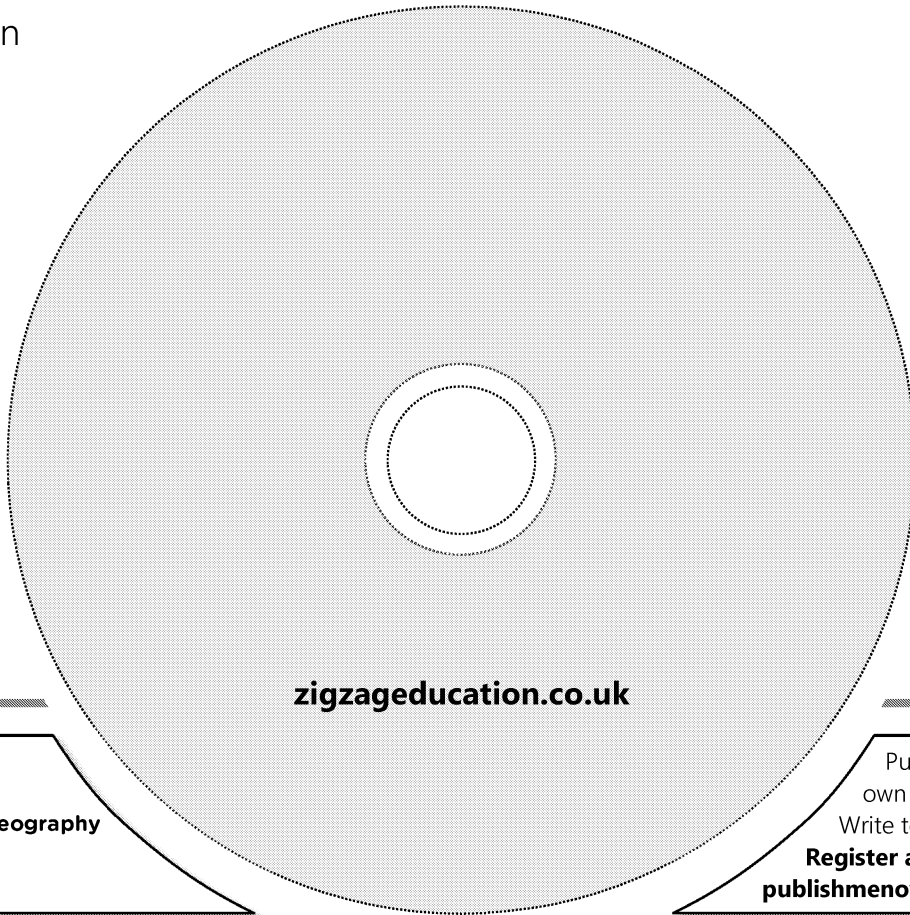


2016 specification  
first exams in 2016

# WJEC GCSE Geography Keyword Activities

*Theme 8: Environmental Challenges*

J Lorton



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# Teacher's Introduction

This resource has been produced to support the teaching of the **2016 WJEC specification for GCSE Geography: Theme 8: Environmental Challenges**.

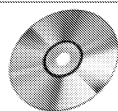
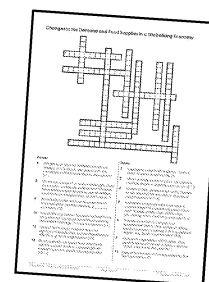
To help with the delivery of the specification all of our keyword activities are organised into topics linked to the key questions presented within each theme. A variety of engaging activities is included to help consolidate your students' understanding of key terminology and concepts. The range of activities enables you to use this resource **before, during** and **after** the teaching of each topic, helping your students to **prepare, recap** and **revise** each module.

The learning content for Environmental Challenges is covered by a total of five sets of keywords and matching descriptions. For each set, there are five different keyword activities designed to give you a range of different options for classroom, homework and revision. The answers for all the keywords can be found at the back of the resource, along with the crossword solutions.

The activities are as follows:

## ① Crosswords

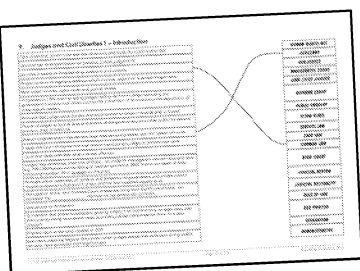
These traditional keyword activities are equally effective as lesson or homework activities – and are also an excellent way to ease students into their revision programme. There is also an A3 'jumbo' crossword with terms from across the whole unit. This could be used as class revision challenge at the end of the unit, perhaps dividing students into teams to see how far they can get.



In addition to the photocopiable worksheets, the crosswords are also provided in interactive format on the accompanying CD-ROM. These are web-based (HTML) and will run straight from your Internet browser.

## ② Fill in the Keyword

Nothing fancy – students simply write the keyword which is being described, without any other help. Because this activity tests the students' own knowledge, they are best used as a homework activity at the end of each topic or during revision. This then acts as a check that they have grasped the key terminology for each topic. Alternatively, they could be given to students at the beginning of the topic, to see what they already know.



## ③ Match Up

Students match descriptions to their keyword by drawing lines between them. Because there are similar descriptions and keywords, students are likely to make the odd mistake while completing the activity, so it is recommended that they use a pencil to start with! By eliminating the keywords that they are familiar with, students can then think about and learn the ones that they are less confident with.

## ④ Dominoes

This is another match up activity, but this one is designed to be used in a more active way to engage students. It is recommended that students work in pairs or small groups. Half of each card contains a keyword, and the other contains a description. To complete the activity, students must align all the cards in the correct order. There is a 'Start' and a 'Finish', meaning that if any cards are left outside of the chain, then students have gone wrong somewhere. The CD contains an editable Word version of the blank dominoes template, so you can make your own.

## ⑤ Bingo

Each student is given a different bingo card containing a selection of words from the set. The teacher reads the definitions and the student must match the definition to the words on their card to complete rows, columns, and the full bingo card.

### Free Updates!

Register your email address to receive any future free updates\* made to this resource or other Geography resources your school has purchased, and details of any promotions for your subject.

\* resulting from minor specification changes, suggestions from teachers and peer reviews, or occasional errors reported by customers

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J Lorton, April 2016

## **Selected Activities and Completed Glossary Page**

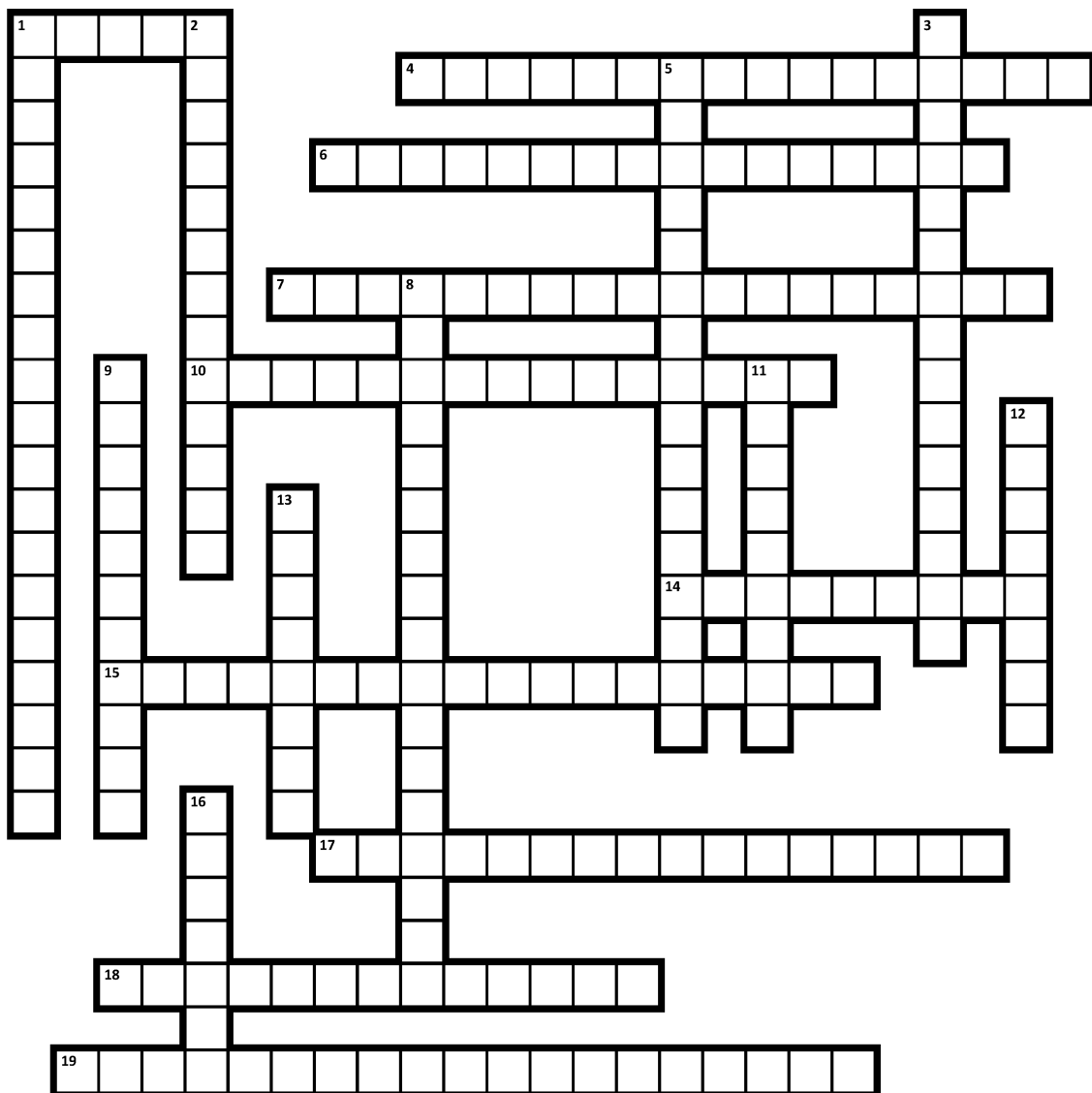
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This sample shows one example of several activities.  
The whole resource contains approximately 40 activities –  
6 or 7 activities for each of the 5 topics.

The resource covers 101 key terms.

# Topic 1: Impacts: Footprint, Consumerism and Ecosystems:

## Crossword



### Across

- 1 Continental-sized ecological unit (5)
- 4 See 2 Down
- 6 A measure of development which takes into account ecological sustainability (5,6,5)
- 7 The dominant ecosystem found between 10° north and south of the equator (8,10)
- 10 Things that humans need to provide fuel (6,9)
- 14 Humans need certain \_\_\_\_\_ to satisfy their needs (9)
- 15 The control of supply, distribution and consumption of things that humans need (8,10)
- 17 The total number of people / type of activities that that environment can support (8,8)
- 18 Process of increasing integration and interdependency between countries (13)
- 19 Describes how much impact we are having on the planet: the amount of resources we consume and waste we emit, combined with the global environmental system's capacity to absorb these impacts. It is expressed as the amount of land (of average biological capacity)

### Down

- 1 Things that humans need that are formed by ecosystem processes (10,9)
- 2/4 A measure of how ecologically sustainable a country is, where a high score means very sustainable. Worked out using measures of health, water, air, sanitation, agriculture, biodiversity and habitats. (13,11,5)
- 3 Where different things rely upon each other and are linked (15)
- 5 Things that humans need that are found under the ground or at the ground's surface, formed from geological processes (7,9)
- 8 Things that humans need that tangibly exist (8,9)
- 9 Focusing on material wealth, and earning money in order to buy more and more things (11)
- 11 Interaction of living and non-living constituents of the environment (9)
- 12 Looking at the whole of the issue, and thinking about its context. (8)
- 13 Fuelwood, animal dung and crop residues are all examples of \_\_\_\_\_ (8)
- 16 Cooking oil which comes from certain trees grown in

## Topic 1: Impacts: Footprint, Consumerism and Ecosystems: Fill in the Keyword

---

Describes how much impact we are having on the planet: the amount of resources we consume and waste we emit, combined with the global environmental system's capacity to absorb these impacts. It is expressed as the amount of land (of average biological capacity) needed to support that lifestyle	
A measure of how ecologically sustainable a country is, where a high score means very sustainable. Worked out using measures of health, water, air, sanitation, agriculture, biodiversity and habitats.	
A measure of development which takes into account ecological sustainability	
The maximum amount of that thing (people or activities) that the environment can support	
Focusing on material wealth, and earning money in order to buy more and more things	
Where different things rely upon each other and are linked	
The increasing economic, cultural, political and social integration of countries across geographical boundaries, particularly in terms of trade and movement of capital	
A dynamic system in which organisms interact with each other and the non-living components of the surrounding environment	
Continental-sized ecosystem with vegetation characteristics and growth influenced by the climate	
Cooking oil which comes from certain trees grown in the tropics. It is also used in many other products, e.g. soaps, lubricants.	
A thing that humans need	
The control of supply, distribution and consumption of things that humans need	
Looking at the whole of the issue, and thinking about its context.	
Things that humans need that tangibly exist	
Things that humans need to provide fuel	
Things that humans need that are found under the ground or at the ground's surface, formed from geological processes	
Things that humans need that are formed by ecosystem processes	
Fuelwood, animal dung and crop residues are all examples of _____	
A collection of dense, evergreen, multistorey trees which grow on and near the equator where it is hot, moist and humid all year round	

## Topic 1: Impacts: Footprint, Consumerism and Ecosystems: Match Up

A collection of dense, evergreen, multistorey trees which grow on and near the equator where it is hot, moist and humid all year round	<b>BIOFUELS</b>
A dynamic system in which organisms interact with each other and the non-living components of the surrounding environment	<b>BIOLOGICAL RESOURCES</b>
A measure of development which takes into account ecological sustainability	<b>BIOME</b>
A measure of how ecologically sustainable a country is, where a high score means very sustainable. Worked out using measures of health, water, air, sanitation, agriculture, biodiversity and habitats.	<b>CARRYING CAPACITY</b>
A thing that humans need	<b>CONSUMERISM</b>
Continental-sized ecosystem with vegetation characteristics and growth influenced by the climate	<b>ECOLOGICAL FOOTPRINT</b>
Cooking oil which comes from certain trees grown in the tropics. It is also used in many other products, e.g. soaps, lubricants.	<b>ECOSYSTEM</b>
Describes how much impact we are having on the planet: the amount of resources we consume and waste we emit, combined with the global environmental system's capacity to absorb these impacts. It is expressed as the amount of land (of average biological capacity) needed to support that lifestyle	<b>ENVIRONMENTAL PERFORMANCE INDEX</b>
Focusing on material wealth, and earning money in order to buy more and more things	<b>ENERGY RESOURCES</b>
Fuelwood, animal dung and crop residues are all examples of _____	<b>GLOBALISATION</b>
Looking at the whole of the issue, and thinking about its context.	<b>HAPPY PLANET INDEX</b>
The control of supply, distribution and consumption of things that humans need	<b>HOLISTIC</b>
The increasing economic, cultural, political and social integration of countries across geographical boundaries, particularly in terms of trade and movement of capital	<b>INTERDEPENDENCE</b>
The maximum amount of that thing (people or activities) that the environment can support	<b>MINERAL RESOURCES</b>
Things that humans need that are formed by ecosystem processes	<b>PALM OIL</b>
Things that humans need that are found under the ground or at the ground's surface, formed from geological processes	<b>PHYSICAL RESOURCES</b>
Things that humans need that tangibly exist	<b>RESOURCE</b>
Things that humans need to provide fuel	<b>RESOURCE MANAGEMENT</b>

## Topic 1: Impacts: Footprint, Consumerism and Ecosystems: Dominoes

**START**

Describes how much impact we are having on the planet: the amount of resources we consume and waste we emit, combined with the global environmental system's capacity to absorb these impacts. It is expressed as the amount of land (of average biological capacity) needed to support that lifestyle

**Ecological Footprint**

A measure of how ecologically sustainable a country is, where a high score means very sustainable.  
Worked out using measures of health, water, air, sanitation, agriculture, biodiversity and habitats.

**Environmental Performance Index**

A measure of development which takes into account ecological sustainability

**Happy Planet Index**

The maximum amount of that thing (people or activities) that the environment can support

**Carrying Capacity**

Focusing on material wealth, and earning money in order to buy more and more things

**Consumerism**

Where different things rely upon each other and are linked

**Interdependence**

The increasing economic, cultural, political and social integration of countries across geographical boundaries, particularly in terms of trade and movement of capital

**Globalisation**

A dynamic system in which organisms interact with each other and the non-living components of the surrounding environment



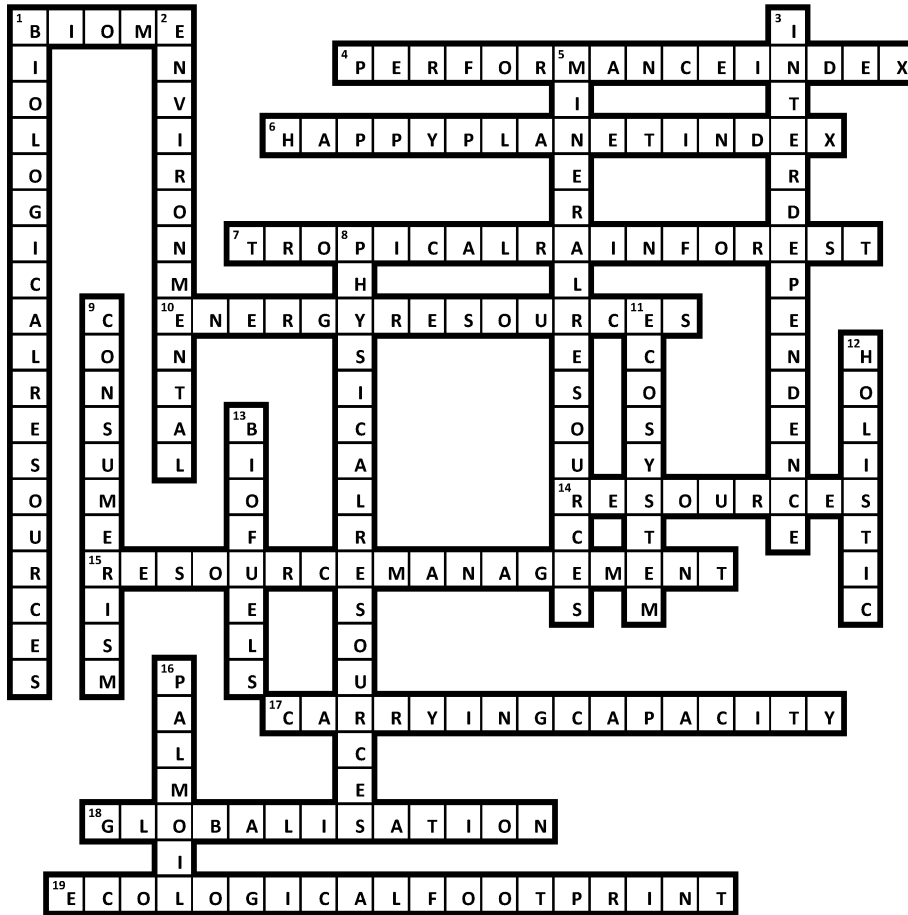
# Topic 1: Impacts: Footprint, Consumerism and Ecosystems: Bingo

Bingo			
Ecological Footprint	Environmental Performance Index	Happy Planet Index	<i>Other Keywords</i> 1. .... 2. .... 3. .... 4. .... 5. .... 6. .... 7. .... 8. .... 9. .... 10. ....
Carrying Capacity	Consumerism	Interdependence	
Globalisation	Ecosystem	Biome	

Bingo			
Energy Resources	Physical Resources	Holistic	<i>Other Keywords</i> 1. .... 2. .... 3. .... 4. .... 5. .... 6. .... 7. .... 8. .... 9. .... 10. ....
Resource Management	Resource	Palm Oil	
Biofuels	Tropical Rainforest	Mineral Resources	

# Crosswords

## Topic 1: Impacts: Footprint, Consumerism and Ecosystems



## Topic 2: Impacts: Transport, Farming and Waste