



2016 specification
first exams in 2016

OCR B GCSE Geography

Keyword Activities

Topic 8: Resource Reliance

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AP10.
6540

POD
6540

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Contents

Thank You for Choosing ZigZag Education.....	iii
Teacher Feedback Opportunity	iv
Terms and Conditions of Use.....	v
Teacher's Introduction.....	1
Topic 1: Increasing Demand for Natural Resources	2
Crossword	2
Fill in the Keyword.....	3
Match Up.....	4
Dominoes.....	6
Bingo	9
Topic 2: Food Security and Increasing Food Security	14
Crossword	14
Fill in the Keyword.....	15
Match Up.....	16
Dominoes.....	18
Bingo	21
Topic 3: Sustainable Food	26
Crossword	26
Fill in the Keyword.....	27
Match Up.....	28
Dominoes.....	29
Bingo	32
Answers	37
Crosswords	37
Fill in the Keyword / Match Up / Dominoes.....	40
Appendices	43
Personal Revision Glossary	43
Dominoes / Revision Card Template	46
Jumbo Crossword.....	A3 pages

Teacher's Introduction

This resource has been produced to support the teaching of the **2016 OCR B specification for GCSE Geography**:
Topic 8: Resource Reliance.

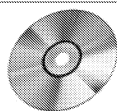
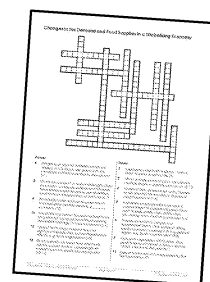
To help with the delivery of the specification all of our keyword activities are organised into subtopics linked to the key questions presented within each theme. A variety of engaging activities is included to help consolidate your students' understanding of key terminology and concepts. The range of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

The learning content for Resource Reliance is covered by a total of three 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

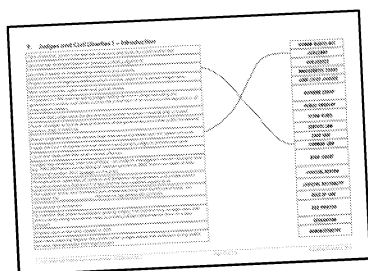
These traditional keyword activities are equally effective as lesson or homework activities – and are also an excellent way to ease students into their revision programme. There is also an A3 'jumbo' crossword with terms from across the whole unit. This could be used as class revision challenge at the 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 subtopic or during revision. This then acts as a check that they have grasped the key terminology for each subtopic. Alternatively, they could be given to students at the beginning of the subtopic, 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.

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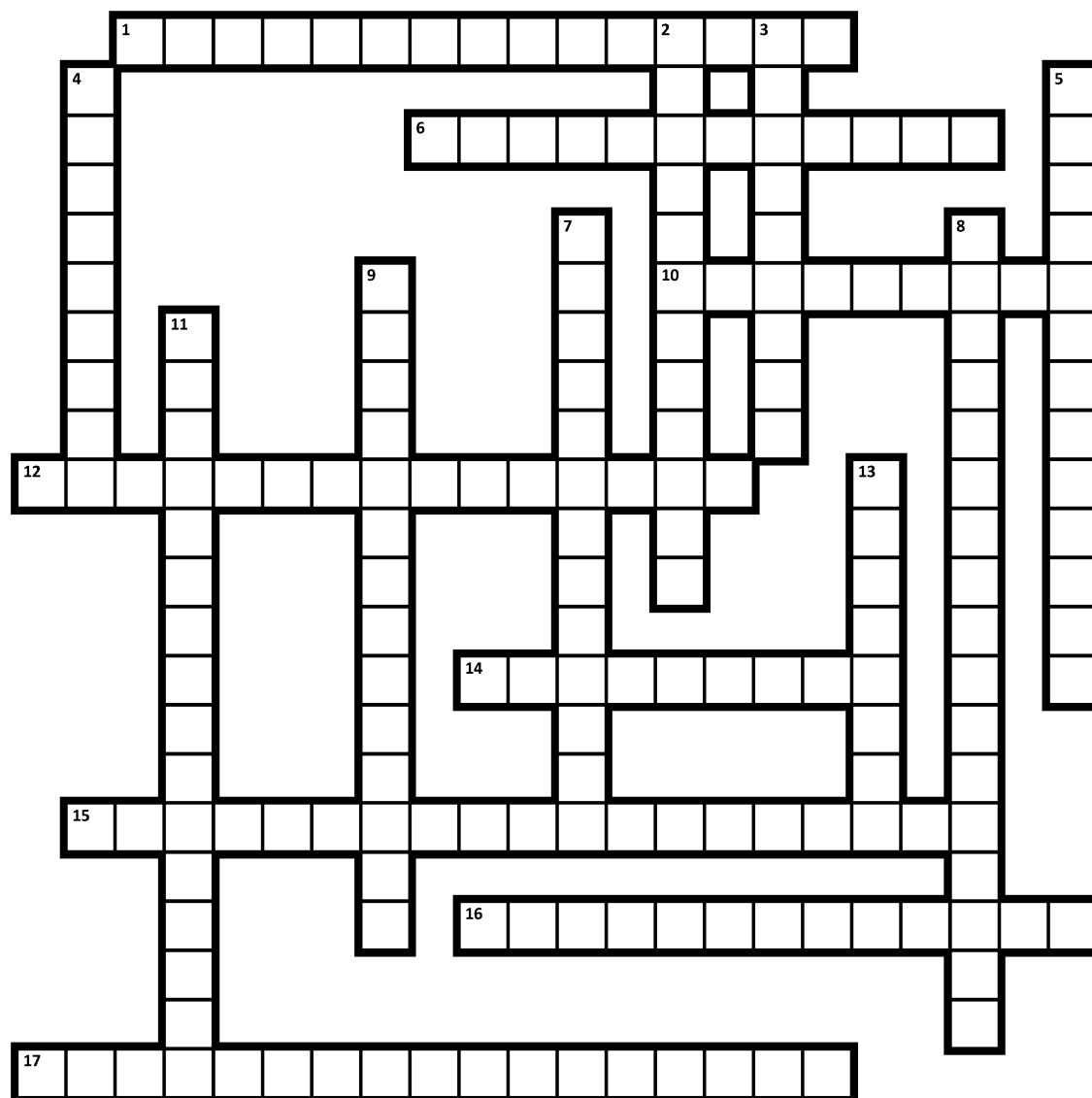
J Lorton, May 2016

Selected Activities and Completed Glossary Page

This sample shows one example of several activities.
The whole resource contains approximately 20 activities –
6 or 7 activities for each of the 3 topics.

The resource covers 50 key terms.

Subtopic 1: Increasing Demand for Natural Resources: Crossword



Across

- 1 Things that humans need to provide fuel (6,9)
- 6 Keeping water in holding areas to regulate river flow and retain adequate resources (5,7)
- 10 A man-made store of water (9)
- 12 There are too few people in an area relative to the available resources and technology. This typically results in an increased quality of life of a society. (15)
- 14 Humans need certain _____ to satisfy their needs (9)
- 15 Things that humans need that are formed by ecosystem processes (10,9)
- 16 The processes of industrial tasks being increasingly done by machine rather than human labour. (13)
- 17 Things that humans need that tangibly exist (8,9)

Down

- 2 An area that has a lack of things humans need (8,4)
- 3 Interaction of living and non-living constituents of the environment (9)
- 4 When the total amount of a thing is reduced (9)
- 5 The destruction or removal of forest (13)
- 7 The movement of water from one area to another to solve a supply problem (5,8)
- 8 The capturing of fish from the sea on a large scale, in order to trade for a profit (10,7)
- 9 Malthus was concerned about the problem of _____ (14)
- 11 Things that humans need that are found under the ground or at the ground's surface, formed from geological processes (7,9)
- 13 Looking at the whole of the issue, and thinking about its context (8)

Subtopic 1: Increasing Demand for Natural Resources: Fill in the Keyword

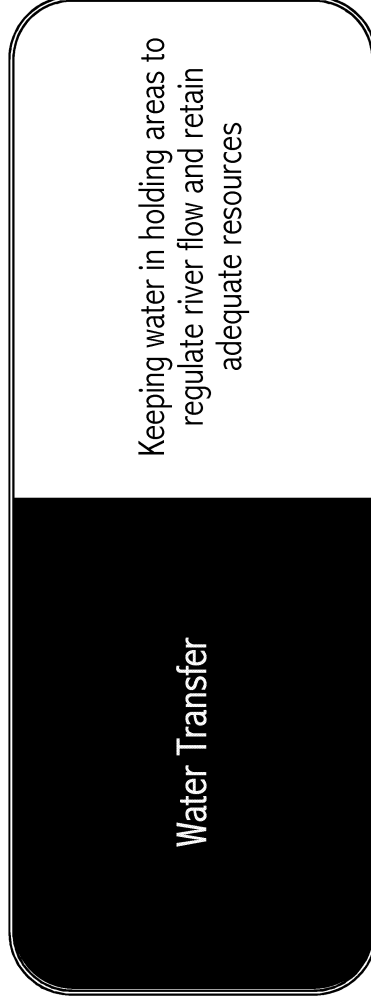
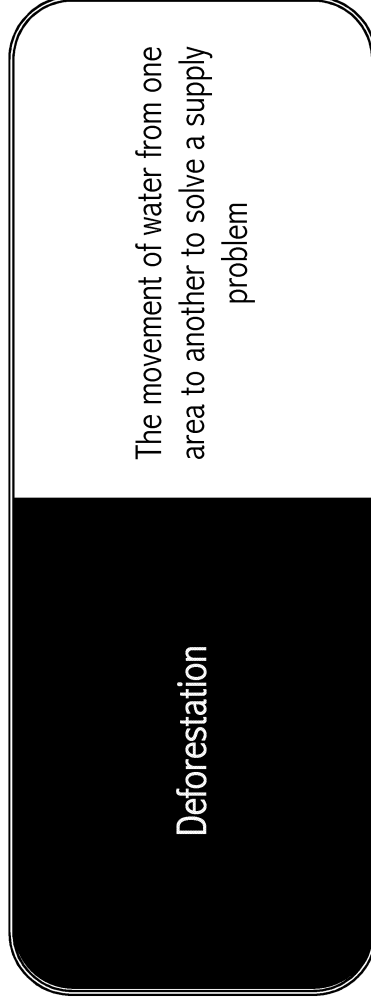
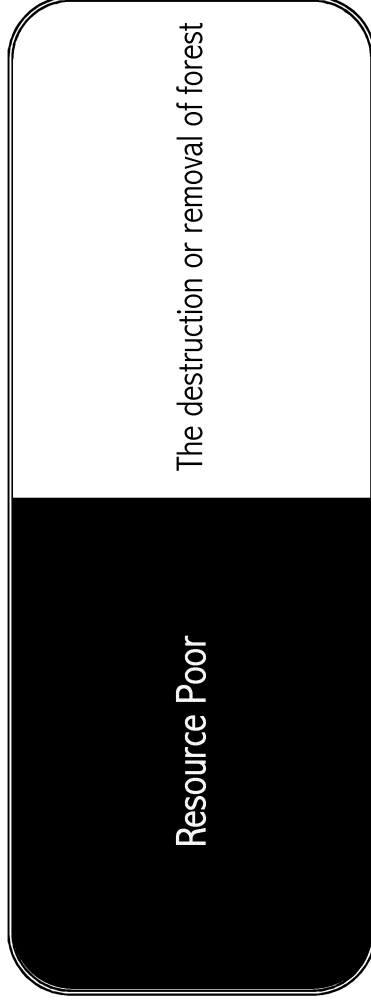
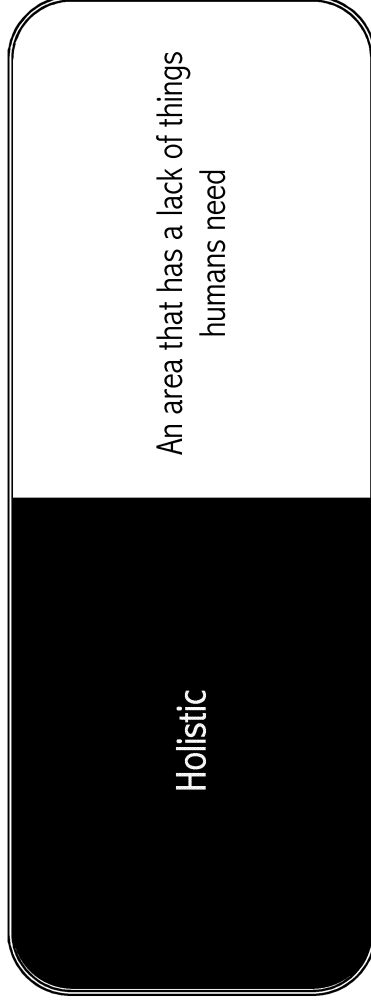
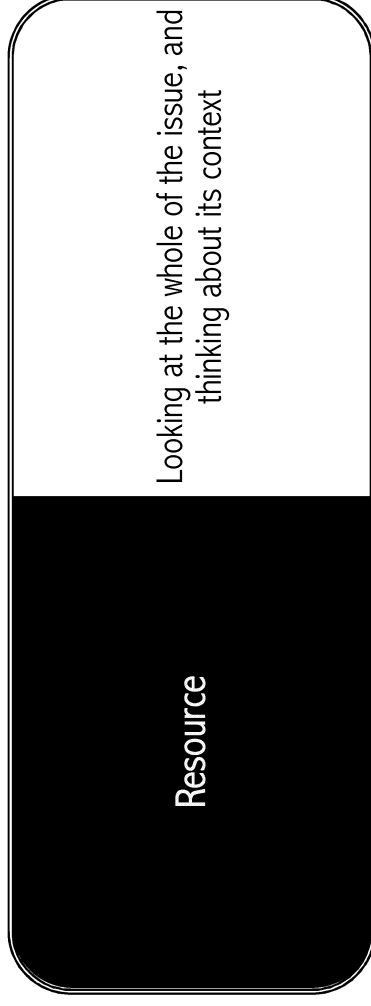
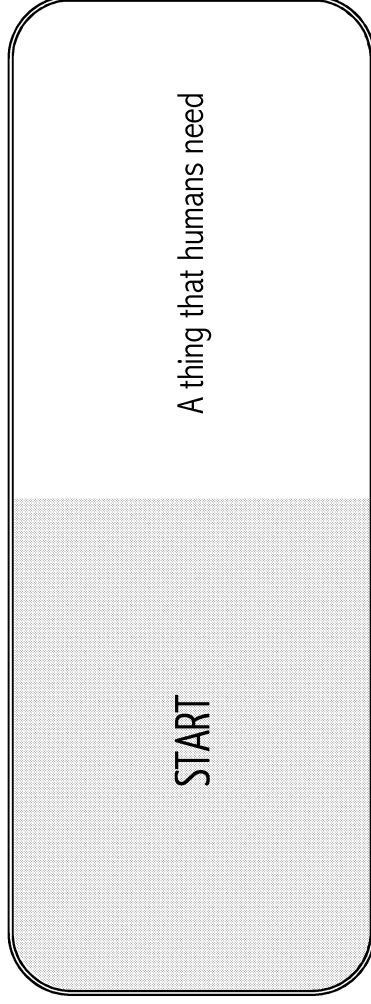
A thing that humans need	
Looking at the whole of the issue, and thinking about its context	
An area that has a lack of things humans need	
The destruction or removal of forest	
The movement of water from one area to another to solve a supply problem	
Keeping water in holding areas to regulate river flow and retain adequate resources	
A man-made store of water	
The capturing of fish from the sea on a large scale, in order to trade for a profit	
The processes of industrial tasks being increasingly done by machine rather than human labour.	
A dynamic system in which organisms interact with each other and the non-living components of the surrounding environment	
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	
There are too many people in an area relative to the available resources and technology level. This typically results in a decreased average quality of life of a society.	
There are too few people in an area relative to the available resources and technology. This typically results in an increased quality of life of a society.	
When the total amount of a thing is reduced	

Subtopic 1: Increasing Demand for Natural Resources: Match Up

A dynamic system in which organisms interact with each other and the non-living components of the surrounding environment
A man-made store of water
A thing that humans need
An area that has a lack of things humans need
Keeping water in holding areas to regulate river flow and retain adequate resources
Looking at the whole of the issue, and thinking about its context
The capturing of fish from the sea on a large scale, in order to trade for a profit
The destruction or removal of forest
The movement of water from one area to another to solve a supply problem
The processes of industrial tasks being increasingly done by machine rather than human labour.
There are too few people in an area relative to the available resources and technology. This typically results in an increased quality of life of a society.
There are too many people in an area relative to the available resources and technology level. This typically results in a decreased average quality of life of a society.
Things that humans need that are formed by ecosystem processes
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 tangibly exist
Things that humans need to provide fuel
When the total amount of a thing is reduced

BIOLOGICAL RESOURCES
COMMERCIAL FISHING
DEFORESTATION
DEPLETION
ECOSYSTEM
ENERGY RESOURCES
HOLISTIC
MECHANISATION
MINERAL RESOURCES
OVERPOPULATION
PHYSICAL RESOURCES
RESERVOIR
RESOURCE
RESOURCE POOR
UNDERPOPULATION
WATER STORAGE
WATER TRANSFER

Subtopic 1: Increasing Demand for Natural Resources: Dominoes



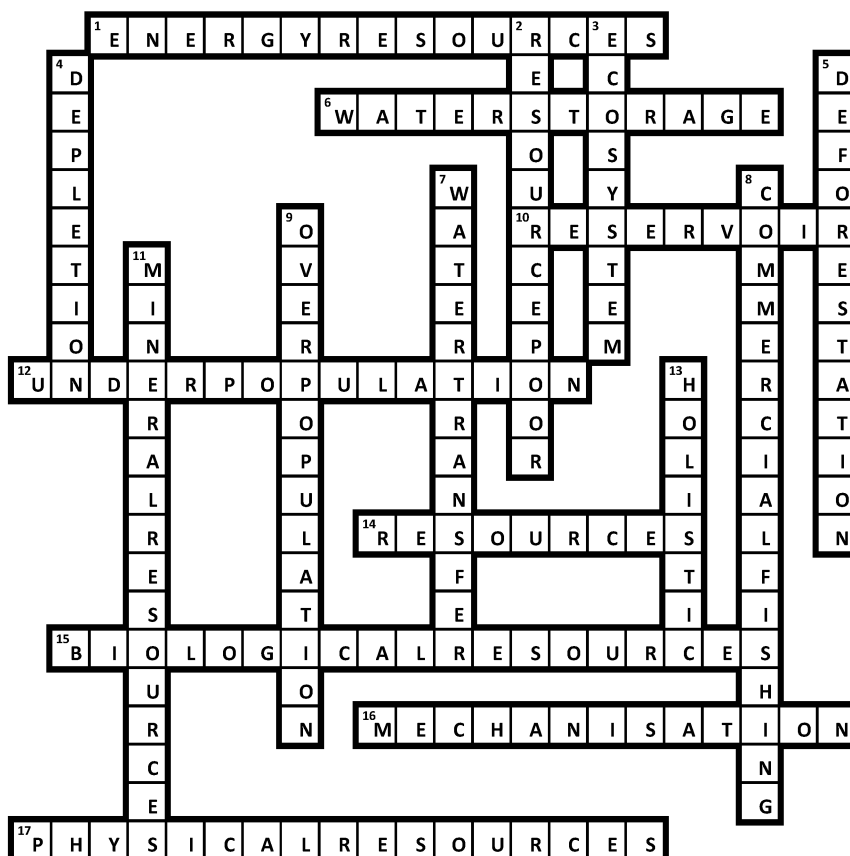
Subtopic 1: Increasing Demand for Natural Resources: Bingo

Bingo			
Resource	Holistic	Resource Poor	<i>Other Keywords</i> 1. 2. 3. 4. 5. 6. 7. 8.
Deforestation	Water Transfer	Water Storage	
Reservoir	Commercial Fishing	Mechanisation	

Bingo			
Overpopulation	Biological Resources	Mineral Resources	<i>Other Keywords</i> 1. 2. 3. 4. 5. 6. 7. 8.
Energy Resources	Physical Resources	Ecosystem	
Holistic	Depletion	Underpopulation	

Crosswords

Subtopic 1: Increasing Demand for Natural Resources



Subtopic 2: Food Security and Increasing Food Security