

# Welcome to GCSE Geography



Where will it take us today?

			3c
		G	3b
			3a
			4c
		F	4b
			4a
	2	E	5c
			5b
			5a
	3	D	5c
			6b
			6a
	4	C	7c
			7b
			7a
	5		8c
			8b
		B	8a
	6		EP
			EP
			EP
	7	A	EP
			EP
			EP
	8		EP
		A*	EP
			EP
	9		EP
			EP

# Topic 8: Resource Reliance

5  
mins

Supplies of food, energy and water are three of the most challenging issues the world faces. Significant numbers of people are resource poor, whilst others consume more than their fair share. This topic investigates emerging patterns, where demand is outstripping supply, before taking the issue of food security and considering the question ‘can we feed nine billion people?’ We will investigate what it means to be food secure, how countries try to achieve this and reflect upon the sustainability of strategies to increase food security.



**Today's theme: Food security – what are the influencing factors?**

# What does it mean to be food secure?

5 mins

26/01/2017

Page  
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L.O: To understand the term “food security” and the physical and human factors that influence this.

**Starter:**

**What do you understand by the phrase “food security”?**

**Word Bank:**

area		nutritious
	sufficient	supply
access		people
	adequate	ability



**Ext:**

**Why do you think food security varies globally?**

# Learning is successful when I ...

## Know:

- what food security is [2]
- that global food security varies temporally and spatially [3-4]



## Understand:

- that physical and human factors affect the ability of people and places to be food secure [4-6]

# What is Food Security?

## Definition #1:

**Food Security** – The availability of food in a given area and the ability of all individuals to access food supplies.

*M. Witherick, 2010*

## What is missing from this definition?

*To what extent are we food secure...*

- a) *In our local area?*
- b) *In the UK?*
- c) *In Africa?*

5 mins

# Does this person look “food secure”?



The availability of food in a given area and the ability of all individuals to access food supplies.

5 mins

# Do these pupils look “food secure”?



The availability of food in a given area and the ability of all individuals to access food supplies.

5 mins

# Defining Food Security

## KEYWORD:

**Food Security** – When all people, at all times, have [physical and economic] access to sufficient, safe and nutritious food to maintain a healthy and active life.

*World Health Organisation (WHO)*

## Over To You:

Add the definition to your book.

Underline the elements of the definition that make it better than Witherick's.

Define food insecurity using this definition as a guide.

# Aspects of food security



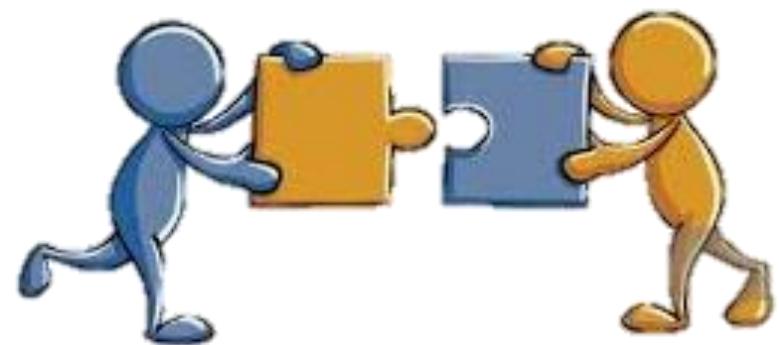
# What affects food security?

In pairs examine the cards you have been given.

**Sort them into:**

- Heard of and understand, Heard of but not sure and Don't know.
- Environmental, Cultural and Economic.

Temperature	Precipitation	Water supply	Altitude
Gradient	Aspect	Soil type	Global warming
Land tenure	Fragmentation of holdings	Farm size	Transport
Technology	The state	Markets	Capital



15  
mins

come  
get it!



# Environmental, Cultural and Economic.

<b>1 Technology</b>	<b>2 Precipitation</b>	<b>3 The state</b>	<b>4 Altitude</b>
<b>5 Gradient</b>	<b>6 Wind</b>	<b>7 Capital</b>	<b>8 Soil type</b>
<b>10 Land tenure</b>	<b>11 Aspect</b>	<b>12 Farm size</b>	<b>13 Transport</b>
<b>14 Temperature</b>	<b>15 Fragmentation of holdings</b>	<b>16 Markets</b>	<b>17 Climate change</b>

# Environmental, Cultural and Economic

1 Technology	2 Precipitation	3 The state	4 Altitude
5 Gradient	6 Wind	7 Capital	8 Soil type
10 Land tenure	11 Aspect	12 Farm size	13 Transport
14 Temperature	15 Fragmentation of holdings	16 Markets	17 Climate change

## **LO: understand how food security is affected by a range of factors**

# Answers e.g.

# Learning is successful now I ...

## Know:

- what food security is [2]
- that global food security varies temporally and spatially [3-4]



## Understand:

- that physical and human factors affect the ability of people and places to be food secure [4-6]

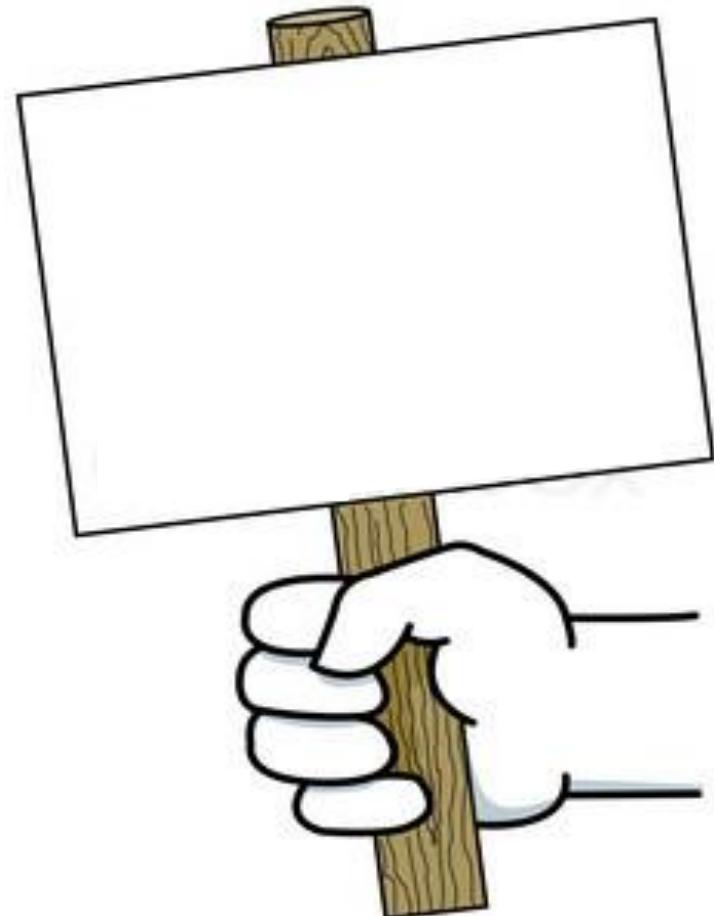
# Plenary

**How food secure is  
England?**

**Explain your answer.**

**Challenge:**

**What signs would you  
expect to see if an area  
was food insecure?**



<b>1 Technology</b>	<b>2 Precipitation</b>	<b>3 The state</b>	<b>4 Altitude</b>
<b>5 Gradient</b>	<b>6 Wind</b>	<b>7 Capital</b>	<b>8 Soil type</b>
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