

# Welcome to GCSE Geography



Where will it take us today?

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

# Topic 8: 8.2c L2 Resource Reliance

2  
mins

‘Can we feed nine billion people?’ We will reflect upon the sustainability of strategies to increase food security.

**Today’s theme: how sustainable are our farming strategies?**



# Tip ...Look beyond the obvious

5 mins

**Geo-lingo:** intensive; extensive; agri-business; fertilisers; pesticides; herbicides; monoculture; organic



Odd One Out?



# Learning is successful when I ...

## **Know:**

- how organic and intensive farming are similar and different [1-3]

## **Understand:**

- that some types of farming are more sustainable and deliver greater food security than others [4-7]

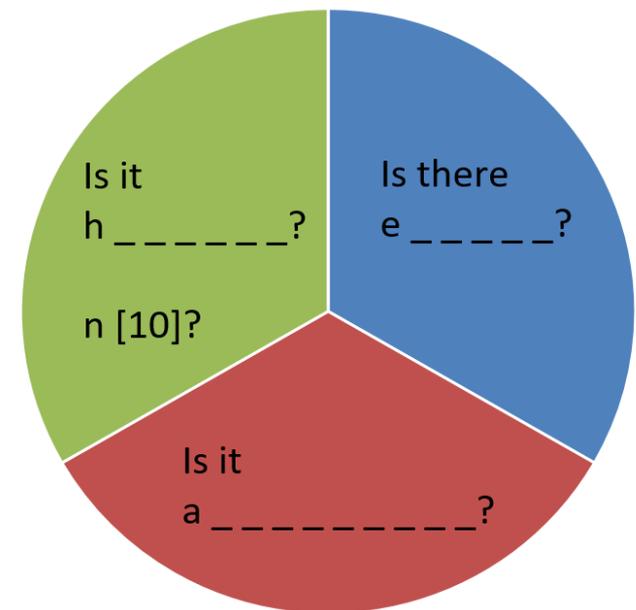


# Intensive Farming

- Is often called factory farming – is that a fair description? Explain your thinking
- How true is it to say that intensive farming delivers food security? Explain your thinking!

Explain your thinking!

- What is agri-business?
- How likely is it to deliver food security for LIDCs?



■ FOOD AVAILABILITY ■ FOOD ACCESS ■ FOOD CONSUMPTION

**L.O: To understand how intensive farming works and whether it might offer food security to all types of countries**

# Organic Farming

<https://www.youtube.com/watch?v=mD5jnxhne7o>

Is very different to intensive farming. Complete the table below to investigate further.

Page  
277

Intensive	Farm Type	Organic
	Use of pesticides? Y/N inc any issues	
	Monoculture? Y/N	
	Type of fertiliser used?	
	Size of crop yield	
	Associated health risks?	
	Animals – in or outdoor	
	Conditions for animals	
	Cost of product for consumer	

Which type of farming is most sustainable? Explain your thinking  
To what extent does organic farming deliver food security?

## 3-Legged Sustainability Stool

### Sustainability

**Economic Leg**  
Good Jobs  
Fair wages  
Security  
Infrastructure  
Fair Trade



**Environmental Leg**  
0 Pollution & Waste  
Renewable Energy  
Conservation  
Restoration

**Social Leg**  
Working conditions  
Health services  
Education services  
Community & Culture  
Social justice

Quality of Life / Genuine Wealth / Genuine Progress

# Learning is successful now I ...

## **Know:**

- how organic and intensive farming are similar and different [1-3]

## **Understand:**

- that some types of farming are more sustainable and deliver greater food security than others [4-7]



# Reflection

What might discourage people from purchasing organic produce?

Free range or caged – do you know the difference? What your family buys?

Do we have the space to farm totally organically?

Would you buy and eat eggs from a chicken like this?



If you buy eggs labelled "Eggs from Caged Hens"

**YOU ARE**

Help put an end to Battery Farming and buy only FREE RANGE

[www.downthelane.net](http://www.downthelane.net)