

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: Resource Reliance

5
mins

Food security is one of the three most challenging issues the world faces. Significant numbers of people are food insecure, whilst others consume more than their fair share. 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: How can countries ensure their food security? Case Study example

8 mins

Case Study: Who am I?

L.O: To understand how food secure place 'x' is.

- I am located just south of the Equator
- 51 million people inhabit me
- I am twice the size of California
- I am the only country with tree climbing lions
- My people speak Swahili
- I begin with the letter T

- There are just five different letters in my name
- I am located in the hottest continent

I AM?

Choose **TWO** and add to your notes

1. Locate Tanzania

Remember to include the following details

- * coastal/landlocked?
- * N/S/E/W continent
- * hemisphere
- * neighbours



2. Population facts

Remember to include the following details

- * total population
- * population change
- * population density
- * mostly urban? rural?



Learning is successful when I ...

Know:

- where my case study is located [2]
- what the food security issues are [3-4-5-6]

Skills:

- can interpret data
- can calculate mean and median values
- am aware of data limitations



KEY CONCEPT:

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.

How food secure is Tanzania? [source TWO facts to support your thinking]

Are things changing for the better? TIP: p266 Sources D & E



KEY CONCEPT:

Levels of food security vary **temporally** and spatially

Over To You:

Use Source E to investigate how levels of undernourishment in Tanzania have changed over time [2-3]

Use Source E to compare changing levels of undernourishment in Tanzania with Africa [3-4]

Use Source E to compare changing levels of undernourishment in Tanzania with Africa and the rest of the World [5-6]

TIP: tabulate the data

	1995	2000	2005	2010	2015
% u/n in T	33				

KEY CONCEPT:

Levels of food security vary temporally and **spatially**

Over To You:

Use Source F to investigate how well distributed Tanzania's food is and how it has changed over time [2-3]

Use Source F to compare Tanzania's food distribution to that of Africa [3-4]

Use Source F to compare Tanzania's food distribution to that of Africa AND the rest of the World [5-6]

TIP: tabulate the data

	1995	2000	2005	2010	2015
% food avail in T	96				

come
get it!



What's the relevance of 100?

What do you think happened between 1991 and 1995? Why do you think this?

KEY CONCEPT:

Levels of food security vary **temporally** and **spatially**

Over To You:

Tanzania has a similar sized population and climate to that of Uganda and Kenya so is it reasonable to expect that food intake per person would be similar?

***Why? Why not?**

****What other information might you like to know about these countries to be able to make a better judgement?**

Ave daily calories	Tanzania	Kenya	Uganda
1969	1704	?	?
2009	2137	?	?
change	+433	?	?
% change	$433/1704 \times 100$?	?

come
get it!



What would an exam question look like?

For a **country** that you have studied, **describe** how **ONE** piece of data shows how **food security** is changing over time **[4 marks]**



Step 1: command words

Step 2: geo-lingo

Step 3: 4 marks = 4 mins = 4 sentences [4 x 1 or 2 x 2]

6 mins

come
get it!



What would an exam answer look like?

For a **country** that you have studied, **describe** how **ONE** piece of data shows how **food security** is changing over time **[4 marks]**

[Data name **eg calories per capita**] is a measure of [how much food (on average) there is to eat per person per day] ✓ and can be used to show how food security has changed in [country name **Tanzania**], located in [compass point **east** continent **Africa**] ✓ . Food security is a measure of how many...people have regular access to sufficient, safe and nutritious food supplies to maintain healthy, active lives. ✓ Between [year **1969**] and [year **2009**] ... there was a 25% increase (+433 calories) ✓ in the number of calories consumed, which shows food security to be improving ✓ , however, this is only an average

Learning is successful now I ...

Know:

- where my case study is located [2]
- what the food security issues are [3-4-5-6]

Skills:

- can interpret data
- can calculate mean and median values
- am aware of data limitations



Plenary

**How food secure is
Tanzania?
Explain your thinking.**

Challenge:

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

