



### A Level Geography: ‘Future of Food’ Transition Work

We follow the OCR specification - <https://www.ocr.org.uk/qualifications/as-and-a-level/geography-h081-h481-from-2016/>

*“In the past year, we have seen food riots on three continents, food inflation has rocketed and experts predict that by 2050, if things don’t change, we will see mass starvation across the world.”*

BBC, ‘The Future of Food’

Food is both a celebrated and contested issue. It is predicted that 805 million people go to bed hungry each night, while others consume and waste far more than their fair share. Across the planet food security varies both within and between countries at all levels of the development spectrum.

This topic explores the spatial patterns and complex causes of food security, from the physical influences on food systems and how humans create and exacerbate food security issues. You will investigate the impacts of food systems on people and the environment before considering management strategies at a range of scales, including an in-depth case study of one country’s efforts to improve food security.

#### **Task 1 – Increasing your subject specific vocabulary.**

Create a list of definitions (ensuring they link with glaciation), you must include the words listed below. Additionally, you might also include other words you come across during your reading/research and through watching relevant documentaries/TedTalks etc.

Food security (FAO Definition)	Child mortality	Globalisation
Millenium Development Goals	Child wasting	Arable food production
Global Hunger Index	Sustainable Development Goals	Pastoral food production
Undernourishment	Internally displaced groups	Carrying capacity
Subsistence farming	Commercial farming	Shifting cultivation
Sedentary farming	Extensive farming	Intensive farming

#### **Task 2 – Factors that influence food security.**

Using the links below make summary notes on the physical and human factors that influence food security. Include place specific examples (case studies) in your notes. You will be required to show me these within the first week of Sixth Form.

<https://www.internetgeography.net/topics/what-affects-the-amount-of-food-we-have/>

<https://pmt.physicsandmathstutor.com/download/Geography/A-level/Notes/OCR/Future-of-Food/Set-A/Notes%20on%20Future%20of%20Food%20-%20OCR%20Geography%20A-level.pdf>

<https://www.wur.nl/en/show/food-security-11.htm>



## Extra reading/activities that you might wish to do

### Books to read –

- The Urban Food Revolution: Changing the Way We Feed Cities (Peter Ladner)
- How the Other Half Eats: The Untold Story of Food and Inequality in America (Priya Feilding-Singh, PHD)
- Rebuilding the Foodshed: How to Create Local, Sustainable, and Secure Food Systems (Phillip Ackerman-Leist)
- The Soil Will Save Us: How Scientists, Farmers, and Foodies Are Healing the Soil to Save the Planet (Kristin Ohlson)

Many more can be found here - <https://www.goodreads.com/shelf/show/food-security>

### Documentaries to watch –

- **Follow the Food – BBC -** <https://www.bbc.com/future/ bespoke/ follow-the-food/>

This BBC docuseries offers an examination of our food chain from its roots. From their site, “Follow the Food – a multimedia series by BBC Future and BBC World News – investigates how farmers, researchers and innovators are working to secure a sustainable long-term future for the global food supply chain.”

- **Kiss the Ground – 2020 – Netflix**

What could our world become if farming could be not only sustainable but actually regenerative? Follow the regenerative agriculture movement with narration from Woody Harrelson, Ian Somerhalder, Gisele Bündchen, and other celebrity contributors.

- **Cowspiracy - The Sustainability Secret – 2014 – Netflix, Amazon Video.**

Kip Andersen investigates and confronts the animal agriculture industry in the hopes of securing a more sustainable future. This sustainable agriculture documentary touches on “rainforest destruction, species extinction, habitat loss, topsoil erosion, ocean “dead zones,” and virtually every other environmental ill.”

### Websites to visit –

[https://www.coolgeography.co.uk/A-level/AQA/Year%2012/Food%20supply/Geopolitics/food\\_security.htm](https://www.coolgeography.co.uk/A-level/AQA/Year%2012/Food%20supply/Geopolitics/food_security.htm)

<https://pmt.physicsandmathstutor.com/download/Geography/A-level/Notes/OCR/Future-of-Food/Set-A/Notes%20on%20Future%20of%20Food%20-%20OCR%20Geography%20A-level.pdf>

<https://pmt.physicsandmathstutor.com/download/Geography/A-level/Notes/Pre-U/2B-The-Provision-of-Food/Detailed%20Notes.pdf>

<https://www.foodsecurityportal.org/>

<https://www.fsinplatform.org/>

<https://impact.economist.com/sustainability/project/food-security-index/>

<https://www.gov.uk/government/publications/uk-food-security-index-2024>