



Topic Overview

Faculty/Subject: Geography

Year Group: GCSE

Topic: The Challenge of Resource Management



What **BIG IDEAS** will you cover in this topic?

Food is a vital global resource

Understanding the importance of food for health, development, and well-being.

Global variations in food availability and consumption patterns.

Food supply is affected by multiple factors

Physical: climate, soil, water availability.

Human: population growth, technology, conflict, trade.

Food insecurity is a global challenge

Causes include poverty, overpopulation, environmental change, and unequal distribution.

Impacts on health, development, and social stability.

Sustainable management of food resources is essential

Strategies include sustainable farming, local food production, reducing food waste, and technological innovations.

Understanding the balance between meeting current needs and conserving resources for the future.

What other **key concepts, knowledge and skills** will you learn in this topic?

Knowledge:

Global patterns of food production and consumption

Factors affecting food supply (physical, economic, social, and political)

Case studies of food insecurity (e.g., in an LIC/NEE)

Strategies to increase food security and promote sustainable food systems

Skills:

Interpreting maps, graphs, and statistics on food supply and demand

Explaining cause-and-effect relationships in food production and insecurity

Evaluating strategies for sustainable food management

Applying geographical concepts to real-world food challenges

Concepts:

Sustainability

Food security

Interdependence

Equity and resource management

What important **prior knowledge** will you use from your prior learning?

Students will use a variety of knowledge around resources and their use around the world. They covered renewable energy in year 8 and 9. They also gained an understanding around food and water resources in year 9 during the climate hazards topic.

Where does this topic fit into the **curriculum plan** for this subject?

This is the final topic which will be covered before the students cover the pre-release material before their exam.

Assessment:

How and when will you be assessed on this topic? What will the success criteria be?

Students will be assessed through home learnings throughout the topic. Any exam questions completed will be marked and feedback will be given.

Students will then be assessed within their 2nd mock exam in year 11.

They should have knowledge of the content covered in the lessons below.

What is the key **vocabulary** that you will need to know in this topic?

Food Security

Food Production

Malnutrition

Sustainability

Agriculture

Irrigation

Globalisation

Trade

Technology

Climate Change

Crop Yield

Resource Management

What is the structure of learning/ lessons in this topic?

1. Distribution of resources
2. Provision of food in the UK
3. Provision of water in the UK
4. Provision of energy in the UK
5. Global food consumption
6. Increasing food supply
7. Example of a large scale agricultural development
8. Sustainable food