

# Friday 14 June 2024 – Morning

GCSE (9–1) Geography A (Geographical Themes)

J383/03 Geographical Skills

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#### **INSTRUCTIONS**

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#### **INFORMATION**

• This document has 12 pages.

Fig. 1

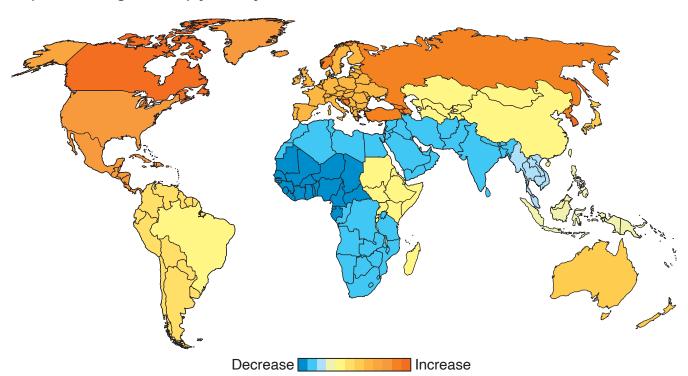
#### Extract from the National Food Strategy report, 2021

The food we eat and the way we produce it is doing terrible damage to our planet and to our health. The global food system contributes to biodiversity loss, deforestation, drought, water pollution and climate change. This threatens our food security, as extreme weather events can cause harvest failures. Agriculture alone produces 10% of UK greenhouse gas emissions, despite producing less than 1% of our Gross Domestic Product (GDP).

The Government has made a commitment to reduce the UK's carbon emissions to net zero by 2050 and ensure that 30% of our land is protected by 2030. In order to meet these commitments, farming will have to become carbon neutral and we will have to produce more food with less intensive farming practices. The Government's Climate Change Committee has also said we must reduce the amount of meat we eat by 20–50% in order for the UK to reach net zero by 2050.

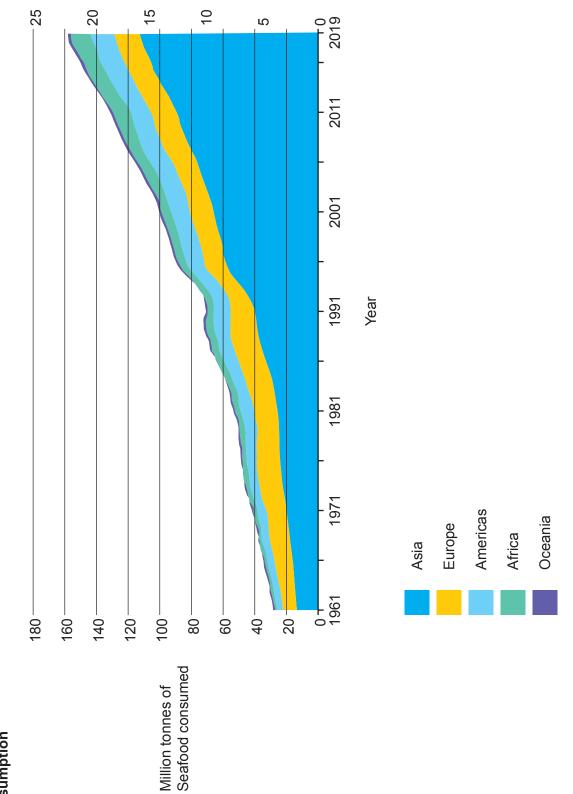
Fig. 2

Expected changes in crop yields by 2050



Seafood consumption

Fig. 3



Number of doctors per 1000 people worldwide, 2018

Fig. 4

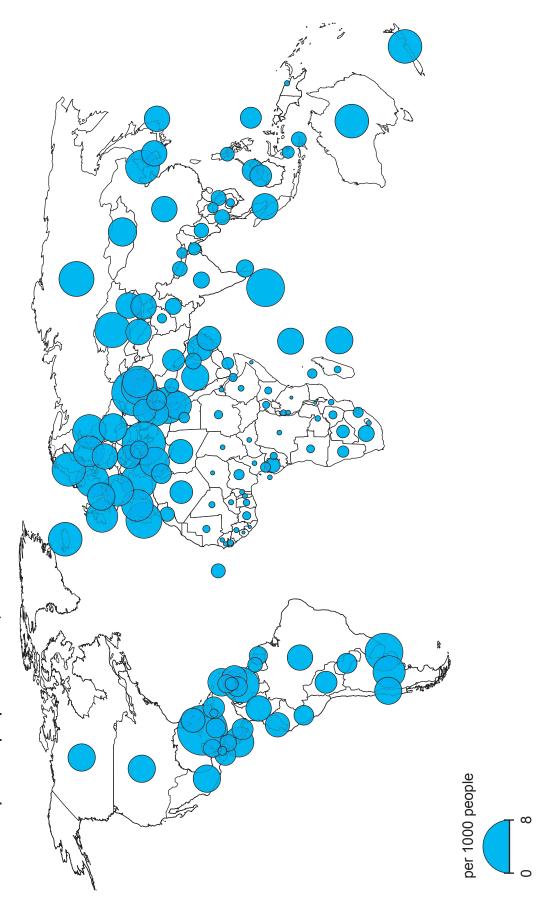


Fig. 5

Top 10 destination countries for international migration

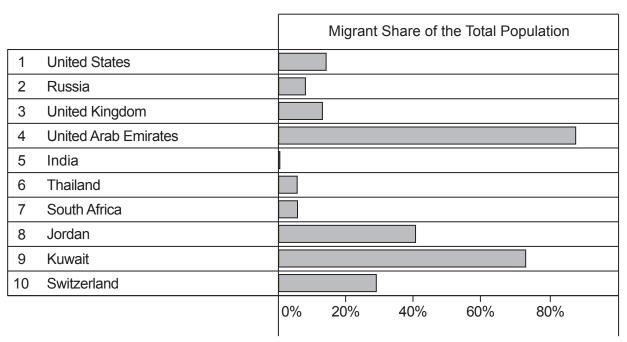


Fig. 6

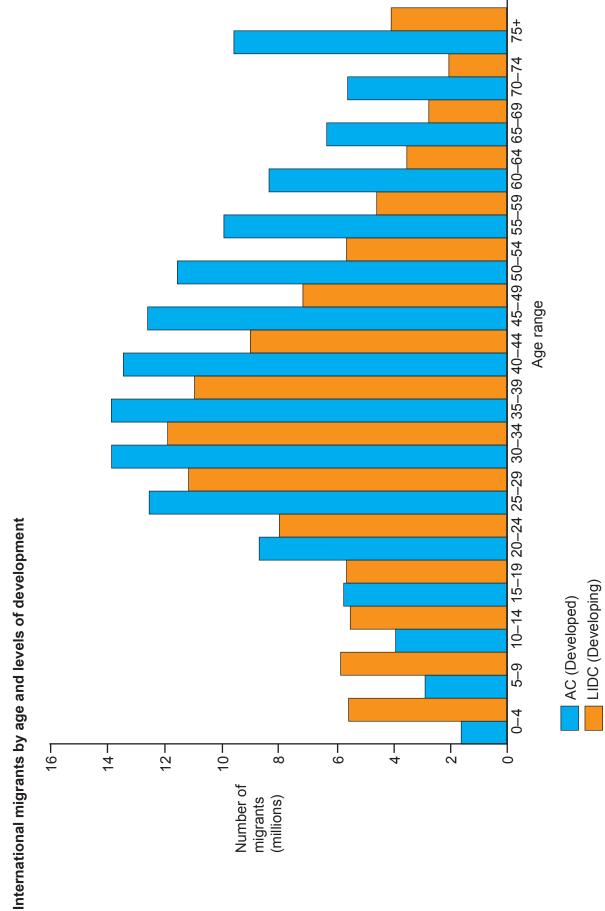


Fig. 7a

Photograph of an area of Mumbai, India



Fig. 7b

Photograph of an area of London, UK



Fig. 8

Photograph of a new housing estate for student fieldwork



Fig. 9a

Traffic Count on Breary Lane, Bramhope

	Before new housing development (secondary data)	After development was built (primary data)
Cars	15	45
Lorries	3	8
Buses	2	2
Bicycles	5	4

Fig. 9b
View of local residents

Questionnaire			
On a scale of 1–5 (5 being most positive), how happy are you with the new housing development in Bramhope?			
	Score	Reason	
Person 1	2	Increase in noise and traffic	
Person 2	5	Brings more customers into local shops	
Person 3	2	Not enough spaces in local primary school	
Person 4	4	New development has brought new services to the village	

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