

Contents

1 Chapter 1

1.1 Maps	1
1.2 Scale	3
1.3 Latitude and longitude	4
1.4 Worldviews	5

2 Chapter 2

2.1 Distribution of world biomes	6
2.2 Australian Biomes	9

3 Chapter 3

3.1 Staples around the world	12
3.2 Case study: Flax	14
3.3 Case study: Sisal, a natural fibre	16
3.4 Agricultural production	19

4 Chapter 4

4.1 Population growth and food production	23
4.2 Food security	26
4.3 Food insecurity	28
4.4 Issues in food security	31
4.5 Food security and climate change	33
4.6 Food waste	36
4.7 Case study: Food security in Mali	38
4.8 Definitions: Food production	42

5 Chapter 5

5.1 Location of cities	43
5.2 Urbanisation in Asia	46
5.3 Economics, environment and people of large cities	49
5.4 Impacts of urbanisation	51
5.5 Australia's population distribution	53
5.6 Impacts of large cities	55

6 Chapter 6

6.1 International migration	59
6.2 The language of migration	61
6.3 Australian migration	62
6.4 China in transition	64
6.5 China's internal migration	65
6.6 China's rural towns and villages	66
6.7 USA's population distribution	68

7 Chapter 7

7.1 Australia's cultural diversity	71
7.2 Australia: Managing growth in cities	73

8 Chapter 8

8.1 Sustainability	76
8.2 Pollution	78
8.3 Land degradation	81
8.4 Exploited oceans	83
8.5 Climate change	86
8.6 Changing forests: Types of forests	87
8.7 Coastal processes creating change	90
8.8 Bali: Causes of environmental change	92
8.9 The marine environment and climate change	95
8.10 The Florida Everglades	98
8.11 Causes of environmental changes	100

9 Chapter 9

9.1 Case study: Iberian lynx, habitat destruction and species loss	102
9.2 The forgotten forest	105
9.3 Mangrove destruction and management	107
9.4 Management of the coast	109
9.5 Case study: Half Moon Bay	112
9.6 Human impact	115
9.7 Whaling	118
9.8 Managing inland waters	120
9.9 Local waterway fieldwork	121

10 Chapter 10

10.1 Developed and developing world	123
10.2 Images of poverty	124
10.3 The chocolate story in Ghana	125
10.4 Human wellbeing country comparison: Australia and Afghanistan	128
10.5 Access to water	131

11 Chapter 11

11.1 Patterns of female advantage and disadvantage in Australia	135
11.2 Is 'development' beneficial?	137
11.3 Stress and wellbeing	139
11.4 NGOs making a difference: Co-Operation In Development Australia	142

How to use this book

PEARSON geography NSW Stage 5 Activity Book

PEARSON geography NSW Stage 5 Activity Book is an integral part of the Australian Curriculum series PEARSON geography NSW. It caters for a variety of learning styles and will reinforce, extend and enrich learning initiated through the student book.

Activity Book	Corresponding Student Book chapter
Chapter 1	Chapter 1: Geography's tools and skills
Chapter 2	Chapter 2: Biomes
Chapter 3	Chapter 3: Food and fibre production
Chapter 4	Chapter 4: Challenges to food production Chapter 5: Food security
Chapter 5	Chapter 6: Urbanisation
Chapter 6	Chapter 7: Population movements
Chapter 7	Chapter 8: Australia's urban future

PEARSON geography NSW Stage 5 Activity Book is designed for independent use by students and is suitable for in-class use or as a complete homework program.

Activity Book	Corresponding Student Book chapter
Chapter 8	Chapter 9: Environments
Chapter 9	Chapter 10: Forests
	Chapter 11: Inland water
	Chapter 14: Coastal environments Chapter 15: Marine environments
Chapter 10	Chapter 12: Spatial variations in human wellbeing
Chapter 11	Chapter 13: Human wellbeing in Australia
	Chapter 16: Human wellbeing in India

Worksheet number and title

4.5

Food security and climate change

Indicates the curriculum strand or strands targeted by the worksheet

Knowledge and understanding • Geographical skills
mi verbal-linguistic • visual-spatial • logical-mathematical

Indicates the learning style or styles the worksheet is focusing on

Undernourishment for selected world regions

Region	Population	Number undernourished	% Undernourished
North Africa and Middle East	502 million	31 million	7.10%
Sub-Saharan Africa	877 million	234 million	26.80%
Latin America and the Caribbean	590 million	49 million	8.30%
South Asia	1.7 billion	304 million	17.60%
East and South-East Asia	2.2 billion	233 million	11.30%

Source: FAO, 2013

1 Annotate the world map below to effectively represent the data in the table above. Complete your map with BOLTSS.



4.5.1 World map showing undernourishment