

Contents

How to use this book

6

1 Amazing places

- 1.1 The Grand Canyon
- 1.2 The Great Barrier Reef
- 1.3 Indonesian volcanoes
- 1.4 Iguazu Falls
- 1.5 Antarctica
- 1.6 The Sahara Desert
- 1.7 London
- Amazing places – review

7

8

10

12

14

16

18

20

22

2 Island homes: the British Isles

- 2.1 Landscapes of the British Isles
- 2.2 British weather and climate
- 2.3 Changing settlements
- 2.4 Changing populations
- 2.5 The economies of the British Isles
- Island homes: the British Isles – review

23

24

26

28

30

32

34

3 Fast fashion: the global fashion industry

- 3.1 How are our clothes made?
- 3.2 Made in the UK or China?
- 3.3 How and where do we buy our clothes?
- 3.4 What's the problem with fast fashion?
- 3.5 Can fashion be more ethical and sustainable?
- Fast fashion – review

35

36

38

40

42

44

46

4 Development in an unequal world

- 4.1 What is development?
- 4.2 How do we measure development?
- 4.3 Are some countries more developed than others?
- 4.4 Benefits and costs of development
- 4.5 How can development be sustainable?
- Development in an unequal world – review

47

48

50

52

54

56

58

5 Rethinking tropical rainforests

- 5.1 Rainforests and development
- 5.2 The rainforest ecosystem
- 5.3 How does the rainforest benefit people?
- 5.4 How else could the rainforest be used?
- 5.5 Destructive development?
- Rethinking tropical rainforests – review

59

60

62

64

66

68

70

6 Problem plastic?

- 6.1 Why is plastic a geographical issue?
- 6.2 Where does plastic pollution come from?
- 6.3 Plastic pollution in rivers
- 6.4 What are ocean garbage patches?
- 6.5 How does plastic affect ocean ecosystems?
- Problem plastic? – review

71

72

74

76

78

80

82

7 From the mountains to the sea: a river story

- 7.1 The River Indus: from source to mouth
- 7.2 The Upper Indus
- 7.3 The Lower Indus
- 7.4 Indus water: a vital resource
- 7.5 Irrigating the Indus Valley
- From the mountains to the sea: a river story – review

83

84

86

88

90

92

94

8 The modern Middle East

- 8.1 The climate of the Middle East
- 8.2 Water resources in the Middle East
- 8.3 Where do people live in the Middle East?
- 8.4 Why is there conflict in the Middle East?
- 8.5 Saudi Arabia's new tourism economy
- The modern Middle East – review

95

96

98

100

102

104

106

9 Population and cities

- 9.1 Why is the world's population growing?
- 9.2 Where do people live in Russia?
- 9.3 How do population structures vary?
- 9.4 Why does a city's population change?
- 9.5 What are the effects of rapid urbanisation?
- 9.6 How can we design cities to be sustainable?
- Population and cities – review

107

108

110

112

114

116

118

120

10 Migration: who goes where?

- 10.1 Why do people move between countries?
- 10.2 Barriers to migration
- 10.3 Russia and migrant workers
- 10.4 Russia and immigration challenges
- 10.5 Migration worldwide
- Migration: who goes where? – review

121

122

124

126

128

130

132



11 Restless world: tectonic hazards 133

- 11.1 Where do tectonic hazards occur? 134
- 11.2 Earthquakes 136
- 11.3 Tsunamis 138
- 11.4 Pyroclastic flows 140
- 11.5 Lahars 142
- Restless world: tectonic hazards – review 144

12 Going to extremes: wild weather 145

- 12.1 Weather basics 146
- 12.2 Tornadoes 148
- 12.3 Hurricanes 150
- 12.4 Monsoons and flooding 152
- 12.5 Drought and bushfires 154
- Going to extremes: wild weather – review 156

13 Energy resources 157

- 13.1 Energy: a vital resource 158
- 13.2 Energy production and consumption 160
- 13.3 Energy from fossil fuels: coal, oil and gas 162
- 13.4 Fossil fuels: the world's deadly addiction 164
- 13.5 Renewable energy 166
- Energy resources – review 168

14 Climate change 169

- 14.1 Climate change protests 170
- 14.2 The greenhouse effect 172
- 14.3 Why is the carbon cycle important? 174
- 14.4 Climate change on the front line 176
- 14.5 Climate change in action 178
- 14.6 Tackling the climate emergency 180
- Climate change – review 182

15 Mobile phones: a blessing or a curse? 183

- 15.1 How even is access to mobile technology? 184
- 15.2 How can mobile technology help development? 186
- 15.3 What is in a mobile phone? 188
- 15.4 The impacts of mobile technology on the DRC 190
- 15.5 How sustainable is mobile technology? 192
- Mobile phones: a blessing or a curse? – review 194

16 Dynamic Arctic: changes and challenges 195

- 16.1 The physical characteristics of the Arctic 196
- 16.2 Why is the Arctic so cold? 198
- 16.3 What is life like in the Arctic? 200
- 16.4 How is climate change affecting the Arctic? 202
- 16.5 The Arctic's natural resources 204
- 16.6 A race for the Arctic? 206
- Dynamic Arctic: changes and challenges – review 208

17 Human rights 209

- 17.1 Human rights at risk 210
- 17.2 Human rights in Korea 212
- 17.3 The right to education 214
- 17.4 Young people's rights 216
- 17.5 Accessible places and spaces 218
- Human rights – review 220

18 Anthropocene: the age of humans? 221

- 18.1 What is the Anthropocene and when did it start? 222
- 18.2 What imprint are humans leaving on the planet? 224
- 18.3 Are all humans to blame? 226
- 18.4 Why is the Anthropocene an important idea? 228
- 18.5 Geography and the Anthropocene 230
- Anthropocene: the age of humans? – review 232

Key terms 233

Photo credits 239

