

S4 Checklist

Landscape

1. Know 4 types of weathering
2. Draw and describe the water cycle.
3. Know the differences between upper, middle and lower parts of a river
4. Explain using a diagram the formation of a waterfall
5. Explain using a diagram the formation of meanders and ox bow lake
6. Recognise glacial features on an OS map and on a diagram
7. Explain the formation of corrie, arête, pyramid peak, hanging valley, erratic, esker.
8. Explain both sides of land use conflicts for forestry, quarrying, tourism
9. Explain why National Parks can be good or bad

Population

1. Using given data describe the population distribution
2. Explain why countries still do a census
3. Describe the problems associated with taking a census
4. Explain the demographic transition graph – why birth and death rate changed
5. Describe and explain two pyramids and the problems associated with each shape.
6. List and explain push and pull factors.

Weather

1. Describe and explain all weather instruments
2. Understand the weather station symbols
3. Describe weather associated with high pressure
4. Explain the weather associated with the passage of a depression

Industry

- 1 Know all the location factors for a factory
- 2 Describe an old industrial area
- 3 Describe a new industrial area
- 4 Describe the consequences of a large factory closing

Farms

1. Describe the changes in farming landscape over last 50 years
2. Explain the good and bad points of this change
3. Given information about farms identify type of farm and explain your choice
- 4 Link land use to physical factors

Natural Regions

- 1 Identify different regions by their climate graph
- 2 Describe the climate of each region
- 3 Describe the argument for an against cutting the rainforest
- 4 Describe the causes and solutions to desertification
- 5 Describe the problems developing the Tundra
- 6 Describe the changes in the Mediterranean since 1950

Settlement

- 1 Explain why a site is suitable for a settlement
- 2 Give advantages and disadvantages of a route for a bypass
- 3 From OS map determine the function of a town
- 4 Recognise the square which contains the CBD on an OS map
- 5 Recognise the different zones of a city and describe each zone

Trade and Aid

- 1 Explain the indicators which show the wealth of a country
- 2 Describe and explain the trade pattern of a less developed country
- 3 Explain the problems caused by debt and price fluctuations
- 4 List the advantages /disadvantages of short term and long term aid

International Relations

- 1 Explain the indicators which show how powerful a country is
- 2 Give advantages/disadvantages of EU membership

Enquiry Skills

- 1 Know several types of graph – when to use them and why they are useful
- 2 Know different methods of gathering data – when to use them and why they are useful
- 3 Know how to gather information about urban zones

Maps

- 1 How physical landscape affects land use
- 2 Why is X a good site for a) wind farm b) outdoor centre c) forestry d) ski development e) airport f) HEP scheme
- 3 Describe relief and drainage of given area