**Human Geography checklist**

**Challenges in the human environment – Paper 2**

**Section A: Urban issues and challenges**

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| **Topic: Sustainable urban living** | I don’t know this | I need to spend more time on this | I know this!! |
| I can define urbanisation |  |  |  |
| I can explain why urbanisation is different in rich and poor countries |  |  |  |
| I can describe how urbanisation happened in rich countries |  |  |  |
| I can define term megacity |  |  |  |
| I can explain why megacities are growing quickly |  |  |  |
| I can define a sustainable city |  |  |  |
| I can explain how cites have tried to save water and energy |  |  |  |
| I can explain how cities have created green spaces and disposed of waste safely |  |  |  |
| I can define traffic congestion |  |  |  |
| I can explain the problems and solutions to traffic congestion using an example |  |  |  |
| I can explain how Curitiba is sustainable |  |  |  |
| **Topic: The urban world** | I don’t know this | I need to spend more time on this | I know this!! |
| I can describe why Rio is an important city |  |  |  |
| I can assess the opportunities and challenges that living in Rio can bring |  |  |  |
| I can recognise the problems of living in favelas/slums/squatter settlements |  |  |  |
| I can describe the problems and living in squatter settlements and how these can be overcome |  |  |  |
| I can explain the problems caused by a rapidly rising population like crime and pollution |  |  |  |
| Topic & information | I don’t know this | I need to spend more time on this | I know this!! |
| **Cities in the UK: London** |  |  |  |
| Recognise the location of London |  |  |  |
| Explain why London is important |  |  |  |
| Explain why London has grown |  |  |  |
| Describe how London’s population has changed |  |  |  |
| Explain the social & economic opportunities created in London – regeneration, employment |  |  |  |
| Explain the social & economic & environmental opportunities created in London – regeneration, employment, solutions to traffic congestion, urban greening |  |  |  |
| Assess the challenges created in London – urban inequalities, brownfield and greenfield sites, pollution |  |  |  |
| Explain how the Olympics regenerated the area of Stratford in London – this should include what they did and the social & economic opportunities afterwards |  |  |  |

**Section B: The changing economic world**

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| **Topic: Economic futures in the UK** | I don’t know this | I need to spend more time on this | I know this!! |
| Explain why Toyota moved to the UK |  |  |  |
| Describe the impacts of Toyota’s new factory |  |  |  |
| Describe the features of Cambridge Science park |  |  |  |
| Explain why the number of science parks is increasing |  |  |  |
| Describe the problems caused by industrial development - water & air pollution & waste disposal |  |  |  |
| Explain how Quorum Business Park in Newcastle is sustainable |  |  |  |
| Suggest reasons why people leave or move from the countryside |  |  |  |
| Describe the impacts of counter-urbanisation |  |  |  |
| Summarise the arguments for and against a large infrastructure project in the UK – Heathrow or HS2 |  |  |  |
| Topic & information | I don’t know this | I need to spend more time on this | I know this!! |
| **Changing economic world** |  |  |  |
| Describe how different parts of the world are classified according to their level of economic development |  |  |  |
| Describe different economic and social measures of development |  |  |  |
| Explain the limitations of economic and social measures of development |  |  |  |
| Can link the stages of the Demographic Transition Model (DTM) and the levels of development. I can also draw this model. |  |  |  |
| Explain the causes of uneven development: physical, economic and historical |  |  |  |
| Assess the consequences of uneven development – this includes differences in wealth and health and international migration |  |  |  |
| Describe the strategies used to reduce the development gap – investment, industrial development and tourism, aid, using intermediate technology, fairtrade, debt relief, microfinance loans |  |  |  |
| Explain how the development of tourism in Kenya is helping to reduce the development gap. |  |  |  |
| Evaluate the advantages and disadvantages TNC can bring to a country’s level of development |  |  |  |
| Topic & information | I don’t know this | I need to spend more time on this | I know this!! |
| **Nigeria** |  |  |  |
| The location and importance of the country, regionally and globally |  |  |  |
| The wider political, social, cultural and environmental context within which the country is placed |  |  |  |
| The changing industrial structure. The balance between different sectors of the economy. How manufacturing industry can stimulate economic development |  |  |  |
| The role of transnational corporations (TNCs) in relation to industrial development. Advantages and disadvantages of TNC(s) to the host country |  |  |  |
| The changing political and trading relationships with the wider world |  |  |  |
| International aid: types of aid, impacts of aid on the receiving country |  |  |  |
| The environmental impacts of economic development |  |  |  |
| The effects of economic development on quality of life for the population. |  |  |  |

**Section C: The challenge of resource management**

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| Topic & information | I don’t know this | I need to spend more time on this | I know this!! |
| **Resource management** |  |  |  |
| Recognise why food, water and energy are important |  |  |  |
| Explain how food, water and energy are important for the economic & social well-being of people and countries |  |  |  |
| Recognise why the global supply and consumption of resources is uneven |  |  |  |
| Explain why people want seasonal food |  |  |  |
| Explain why our carbon footprint is growing |  |  |  |
| Describe how farming is becoming more industrialised |  |  |  |
| Describe how the demand for water varies across the UK |  |  |  |
| Recognise the causes of water pollution |  |  |  |
| Explain how water pollution can be managed |  |  |  |
| Explain how water transfers can help maintain water supplies |  |  |  |
| Recognise how the UK’s energy mix has changed |  |  |  |
| Explain why the UK needs a wider sources of fuel |  |  |  |
| Assess the economic and environmental issues of exploiting energy sources |  |  |  |

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| Topic & information | I don’t know this | I need to spend more time on this | I know this!! |
| **Energy Security** |  |  |  |
| Recognise how energy security depends on energy production and consumption |  |  |  |
| Describe the distribution of global energy production |  |  |  |
| Recognise how global energy consumption is unevenly distributed |  |  |  |
| Explain how the global demand for energy is increasing |  |  |  |
| Discuss how energy supply is affected by many factors – physical, economic, political factors |  |  |  |
| Explain the impacts of energy insecurity |  |  |  |
| Describe the features of different renewable and non-renewable energy sources |  |  |  |
| Define sustainable energy |  |  |  |
| Explain how energy can be conserved – sustainable design, increasing efficiency and reducing demand |  |  |  |
| Assess the advantages and disadvantages of increasing energy supply – fracking |  |  |  |