|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Year 10 Curriculum Overview [2024-2025]**  **Geography** | | | | | | |
| **Autumn Term** | **Knowledge & Understanding** | | | **Literacy Skills**  **Opportunities for**  **developing**  **literacy skills** | **Employability Skills**  **[if any]** | **Assessment Opportunities** |
| **Composites** | **Components**  **[KEY concepts & subject specific vocab]** | **Formal Retrieval**  **[if any]** |
| **HT1**  **HT2**  **HT2** | Global inequalities  The Development Gap  Natural Hazards  Earthquakes and volcanic eruptions are the result of physical processes.  The Effects of Tectonic Hazards  Managing the Effects of a Tectonic Hazard  Global Atmospheric Circulation  Tropical Storms  The effects of Tropical Storms  The UK Extreme Weather  The Causes and Effects of Climate Change  Managing Climate Change | • Define economic development and quality of life  • Describe the different ways of classifying parts  of the world according to their level of economic  development and quality of life.  • Identify the different economic and social  measures of development  • Evaluate the limitations of economic and social  measures of development  • Link between stages of the Demographic  Transition Model and the level of development.  • Causes of uneven development: physical,  economic and historical.  • Consequences of uneven development:  disparities in wealth and health, international  migration  • Define the development gap  • Explain why the development gap exists  • An overview of the strategies used to reduce the development gap: investment, industrial  development and tourism, aid, using  intermediate technology, Fairtrade, debt relief,  microfinance loans.  • An example of how the growth of tourism in a LIC or NEE helps to reduce the development gap  • Define what a natural hazard is  • Identify and categorise the different types of  hazard  • Explain factors which can increase the risk of  natural hazards  Explain plate tectonics theory  • Describe the global distribution of  earthquakes and volcanic eruptions and there  relationship to plate margins.  • Explain the physical processes taking place at  different types of plate margin (constructive,  destructive and conservative) that lead to  earthquakes and volcanic activity.  • Define the difference between primary and  secondary effects of a tectonic hazard  • Define the difference between immediate  and long-term responses to a tectonic hazard  • Use named examples to show how the  effects and responses to a tectonic hazard  vary between two areas of contrasting levels  of wealth.  • Explain reasons why people live near  volcanoes  • Explain the different management  strategies that can be used to manage  the effects of a tectonic hazard  (protection, prediction and planning)  • Assess the effectiveness of the different  management strategies  • Identify the different features of the  global atmospheric circulation model  • Explain how the global atmospheric  circulation model impacts the climate  globally  • Describe the global distribution of  tropical storms (hurricanes, cyclones,  typhoons).  • Understanding of the relationship  between tropical storms and general  atmospheric circulation.  • Explain the causes of tropical storms  and the sequence of their formation and  development.  • Describe the structure and features of a tropical storm.  • Explain how climate change might  affect the distribution, frequency and  intensity of tropical storms.  • Explain the primary and secondary  effects of tropical storms.  • Explain the immediate and long-term  responses to tropical storms.  • Case study of a tropical storm- Typhoon  Haiyan  • Explain how monitoring, prediction,  protection and planning can reduce the effect.  • Explain the evidence that suggests the  weather is becoming more extreme in  the UK.Case study of the UK heatwave 2022.  • Describe and explain the evidence for  climate change from the beginning of  the Quaternary period to the present  day  • Define the difference between natural  and human factors  • Explain the natural factors that cause  climate change  • Explain the human factors that cause  change  • Explain the effects of climate change on  people and the environment.  • Define the difference between  mitigation and adaptation  • Identify different mitigation and  adaptation strategies  • Explain how adaptation strategies help  to reduce the effects of climate change  • Explain how mitigation methods help to  reduce the effects of climate change  • Assess the effectiveness of the different  management strategies | Development topic (Yr7)  Almighty dollar (Yr9)  Tectonic hazards (Yr8)  Weather and climate (Yr7)  Climate change (Yr8)  Energy (Ys9) | • Key vocabulary  • Description and  explanation based  extended writing  • Extended exam  Answers  • Key vocabulary  • Description and  explanation based  extended writing  • Extended exam  Answers  • Key vocabulary  • Description and  explanation based  extended writing  • Extended exam  answers  • Key vocabulary  • Description and  explanation based  extended writing  • Extended exam  Answers  • Key vocabulary  • Description and  explanation based  extended writing  • Extended exam  answers  • Key vocabulary  • Description and  explanation based  extended writing  • Extended exam  Answers  • Key vocabulary  • Description and  explanation based  extended writing  • Extended exam  Answers  • Key vocabulary  • Description and  explanation based  extended writing  • Extended exam  Answers  • Key vocabulary  • Description and  explanation based  extended writing  • Extended exam  answers  • Key vocabulary  • Description and  explanation based  extended writing  • Extended exam  Answers  • Key vocabulary  • Description and  explanation based  extended writing  • Extended exam  answers | Map/graph  analysis  • Decision  making  • Problem  Solving  Map/graph  analysis  • Decision  making  • Problem  Solving  Map/graph  analysis  • Decision  making  • Problem  Solving  Map/graph  analysis  • Decision  making  • Problem  Solving  Map/graph  analysis  • Decision  making  • Problem  Solving  Map/graph  analysis  • Decision  making  • Problem  Solving  Map/graph  analysis  • Decision  making  • Problem  Solving  Map/graph  analysis  • Decision  making  • Problem  Solving  Map/graph  analysis  • Decision  making  • Problem  Solving  Map/graph  analysis  • Decision  making  • Problem  Solving | Formative throughout the topic  Exam question each lesson  MCQ’s  Summative end of topic assessment.  Formative throughout the topic  Exam question each lesson  MCQ’s  Summative end of topic assessment.  Formative throughout the topic  Exam question each lesson  MCQ’s  Summative end of topic assessment.  Formative throughout the topic  Exam question each lesson  MCQ’s  Summative end of topic assessment. |
| **Year 10 Curriculum Overview [2024-2025]**  **Geography** | | | | | | |
| **Spring**  **Term** | **Knowledge & Understanding** | | | **Literacy Skills**  **Opportunities for**  **developing**  **literacy skills** | **Employability Skills**  **[if any]** | **Assessment Opportunities** |
| **Composites** | **Components**  **[KEY concepts & subject specific vocab]** | **Formal Retrieval**  **[if any]** |
| **HT3**  **HT4** | Urban Growth  Urban growth creates opportunities and challenges for cities in LICs and NEE  Urban growth creates challenges and opportunities in the UK.  Urban sustainability  The Long Profile of a River  Fluvial Processes  River Landforms  Flood Management | • Describe patterns of population change in urban areas  • Explain the reasons for population increase in urban areas  • Describing the urban trends in different parts of the world including HICs and LICs  • Factors affecting the rate of urbanisation –  migration (push–pull theory), natural increase  • The emergence of megacities  Study Lagos as a case study of a major city in  an LIC or NEE.  • Describe the location of Lagos in Nigeria  • Explain the importance of Lagos  regionally, nationally and internationally  • Explain the causes of growth: natural increase and migration  • Explain how urban growth has created  opportunities  • Explain how urban industrial areas can be a  stimulus for economic development  • Explain how urban growth has created  challenges  • Discuss how environmental issues can be  Managed  • Describe the distribution of population and the major cities in the UK.  • Describe the UK’s varying landscapes  • A case study of a major city in the UK, Manchester  • Describe the location of Manchester  • Explain the importance of the Manchester in the UK and the wider world  • Explain the impacts of national and international  migration on the growth and character of the  city  • Explain how urban change has created  opportunities  • Explain how urban change has created  challenges  • Explain the impact of urban sprawl on the rural–urban fringe, and the growth of commuter settlements  • An example of an urban regeneration project to show: reasons why the area needed  regeneration and the main features of the  project (Salford Quays)  • Virtual fieldtrip to Salford Quays  • Understanding the planning of a fieldtrip  • Define sustainability  • Describe the features of sustainable urban living  • Study how Manchester is becoming a sustainable city.  • Explain how water and energy can be used  sustainably and conserve  • Explain how waste cane reduced and recycling can be increased  • Explain the benefits of creating green spaces  • Explain how urban transport strategies are used to reduce traffic congestion  • Describe the physical characteristics of  each course of a river  • Describe and explain how the shape of a  river valley change as rivers flow  downstream  • Types of erosion – hydraulic action,  abrasion, attrition, solution, vertical and  lateral erosion  • Types of transportation – traction,  saltation, suspension and solution  • Explain why rivers deposit sediment  • Characteristics and formation of landforms  resulting from erosion – interlocking spurs,  waterfalls and gorges  • Characteristics and formation of landforms  resulting from erosion and deposition –  meanders and ox-bow lakes  • Characteristics and formation of landforms  resulting from deposition – levées, flood  plains and estuaries  • An example of a river valley in the UK to  identify its major landforms of erosion and  deposition  • Explain how physical and human factors  affect the flood risk – precipitation,  geology, relief and land use.  • The use of hydrographs to show the  relationship between precipitation and  discharge  • The costs and benefits of the following  management strategies  • Hard engineering – dams and reservoirs,  straightening, embankments, flood relief  channels  • Soft engineering – flood warnings and  preparation, flood plain zoning, planting  trees and river restoration.  • flood management case study. | Africa (Yr7)  Population (Yr8)  Manchester (Yr7)  Rivers (Yr8) | • Key vocabulary  • Description and  explanation based  extended writing  • Extended exam  Answers  • Key vocabulary  • Description and  explanation based  extended writing  • Extended exam  Answers  • Key vocabulary  • Description and  explanation based  extended writing  • Extended exam  Answers  • Key vocabulary  • Description and  explanation based  extended writing  • Extended exam  Answers  • Key vocabulary  • Description and  explanation based  extended writing  • Extended exam  Answers  • Key vocabulary  • Description and  explanation based  extended writing  • Extended exam  Answers  • Key vocabulary  • Description and  explanation based  extended writing  • Extended exam  Answers  • Key vocabulary  • Description and  explanation based  extended writing  • Extended exam  Answers | Map/graph  analysis  • Decision  making  • Problem  Solving  Map/graph  analysis  • Decision  making  • Problem  Solving  Map/graph  analysis  • Decision  making  • Problem  Solving  Map/graph  analysis  • Decision  making  • Problem  Solving  Map/graph  analysis  • Decision  making  • Problem  solving | Formative throughout the topic  Exam question each lesson  MCQ’s  Summative end of topic assessment.  Formative throughout the topic  Exam question each lesson  MCQ’s  Summative end of topic assessment.  Formative throughout the topic  Exam question each lesson  MCQ’s  Summative end of topic assessment. |
|  | | | | | | |
| **Year 10 Curriculum Overview [2024-2025]**  **Subject** | | | | | | |
| **Summer**  **Term** | **Knowledge & Understanding** | | | **Literacy Skills**  **Opportunities for**  **developing**  **literacy skills** | **Employability Skills**  **[if any]** | **Assessment Opportunities** |
| **Composites** | **Components**  **[KEY concepts & subject specific vocab]** | **Formal Retrieval**  **[if any]** |
| **HT5**  **HT6** | Economic Development in LIC’s and NEE’s  Economic Change in the UK | • Explain how economic development which leads to significant social, environmental and cultural change.  • A case study of one Nigeria as an example of a  NEE country  • Describe the location of Nigeria  • Explain the wider political, social, cultural and environmental context within which the country is placed  • Explain the changing industrial structure  • Explain how manufacturing industry can  stimulate economic development  • Define what a Transnational Corporation is  • Describe the role of transnational corporations  (TNCs) in relation to industrial development.  • Evaluate the advantages and disadvantages of  TNC(s) to the host country  • Explain the changing political and trading  relationships with the wider world  • Define different types of aid  • Explain the impacts of aid on the receiving  country  • Explain the environmental impacts of economic development  • Explain the effects of economic development on quality of life for the population  • The causes of economic change in the UK:  deindustrialisation and decline of traditional  industrial base, globalisation and government  policies  • Explain the features of a post-industrial  economy  • Study an example of a science and business park in the UK.  • Explain the impacts of industry on the physical environment.  • An example of how modern industrial  development can be more environmentally  sustainable.  • Social and economic changes in the rural  landscapes in the UK  • Explain how improvement in infrastructure will help the UK’s economic development  • Explain why the north–south divide exists in the UK  • Strategies used in an attempt to resolve regional differences  • Understand the place of the UK in the wider  world.  • Links through trade, culture, transport, and  electronic communication. Economic and  political links: the European Union (EU) and  Commonwealth. | Development (Yr7)  Almighty Dollar (Yr9)  Almighty Dollar (Yr9) | • Key vocabulary  • Description and  explanation based  extended writing  • Extended exam  Answers  • Key vocabulary  • Description and  explanation based  extended writing  • Extended exam  answers | Map/graph  analysis  • Decision  making  • Problem  Solving  Map/graph  analysis  • Decision  making  • Problem  solving | Formative throughout the topic  Exam question each lesson  MCQ’s  Summative end of topic assessment.  Formative throughout the topic  Exam question each lesson  MCQ’s  Summative end of topic assessment. |