**Academic Year 2020 – 2021**

**Geography Department Shadow Curriculum**

**COVID-19 Remote Learning Plan – Schemes of Learning Overview**

**Purpose**

This document is designed to give a very simple overview of the units planned to be delivered through remote learning should the need arise due to issues related to the Coronavirus/COVID-19 pandemic that lead to school closures for the second half of the academic year 2019-2020.

This is designed only to give a brief overview of the units that will be covered, as this is based on the Oak National Academy curriculum and resources available online. This document is therefore simply a guide as to what would be covered and in what order, if remote learning is required. The resources are available through the Oak National Academy.

**Year 11:**

Terms 1 and 2 – Understanding development, The development gap, Economic development in India and The economic future of the UK

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| **Lesson number** | **Core content** |
| 1<https://classroom.thenational.academy/lessons/what-is-development-6gtkjc> | Different ways of classifying parts of the world:According to economic development (economic indicators).According to quality of life (social indicators). |
| 2<https://classroom.thenational.academy/lessons/economic-and-social-measures-of-development-65j66d> | Economic and social measures of development:GNI, birth rate, death rate, infant mortality, life expectancy, people per doctor, literacy rates, access to safe water, HDI. |
| 3<https://classroom.thenational.academy/lessons/limitations-of-economic-and-social-measures-of-development-6tj30t> | Limitations of economic and social measures: |
| 4<https://classroom.thenational.academy/lessons/the-demographic-transition-model-69j3gc> | The demographic transition model:The link between stages and levels of development. |
| 5<https://classroom.thenational.academy/lessons/population-pyramids-chhpad> | Population pyramids:How they look at each stage of the DTM. |

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| **Lesson number** | **Core content** |
| 1<https://classroom.thenational.academy/lessons/physical-causes-of-uneven-development-cngket> | Causes of uneven development:Physical. |
| 2<https://classroom.thenational.academy/lessons/economic-and-historic-causes-of-uneven-development-c5gp8d> | Causes of uneven development: (Part 2)Economic.Historical. |
| 3<https://classroom.thenational.academy/lessons/consequences-of-uneven-development-71j6ar> | Consequences of uneven development:Disparities in wealth.Disparities in health.International migration. |
| 4<https://classroom.thenational.academy/lessons/strategies-to-reduce-the-development-gap-part-1-cru38t> | Strategies to reduce the development gap:Investment.Industrial development.Tourism. |
| 5<https://classroom.thenational.academy/lessons/strategies-to-reduce-the-development-gap-part-2-chk62t> | Strategies to reduce the development gap: (Part 2)Aid.Using intermediate technology.Fairtrade. |
| 6<https://classroom.thenational.academy/lessons/strategies-to-reduce-the-development-gap-part-3-crtk6d> | Strategies to reduce the development gap: (Part 3)Debt relief.Microfinance loans. |
| 7<https://classroom.thenational.academy/lessons/an-lic-using-tourism-to-close-the-development-gap-kenya-70u62d> | A LIC using tourism to close the development gap: Kenya. |

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| **Lesson number** | **Core content** |
| 1<https://classroom.thenational.academy/lessons/the-location-and-importance-of-india-69jk6e> | Location and importance of India.Regionally and globally. |
| 2<https://classroom.thenational.academy/lessons/understanding-the-wider-context-of-india-65gk0e> | Wider context of India:Political, social, cultural, and environmental. |
| 3<https://classroom.thenational.academy/lessons/the-changing-industrial-structure-of-india-part-1-6ngkje> | Changing industrial structure of India:Balance between sectors of the economy. |
| 4<https://classroom.thenational.academy/lessons/the-changing-industrial-structure-of-india-part-2-cnhk4d> | Changing industrial structure of India:How manufacturing can stimulate economic development. |
| 5<https://classroom.thenational.academy/lessons/transnational-corporations-in-india-unilever-75gk6e> | TNCs in India: Unilever.Advantages and disadvantages for India. |
| 6<https://classroom.thenational.academy/lessons/indias-changing-relationships-with-the-wider-world-c4t3gc> | India’s changing relationships with the wider world:Political relationships.Trading relationships. |
| 7<https://classroom.thenational.academy/lessons/international-aid-in-india-69gkec> | International aid in India:Types of aid.Impacts of aid on India. |
| 8<https://classroom.thenational.academy/lessons/the-environmental-impacts-of-economic-development-in-india-cctk8r> | Environmental impacts of economic development in India. |
| 9<https://classroom.thenational.academy/lessons/the-effects-of-economic-development-on-quality-of-life-in-india-chj6ar> | Effects of economic development on quality of life in India. |

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| **Lesson number** | **Core content** |
| 1<https://classroom.thenational.academy/lessons/causes-of-economic-change-in-the-uk-6rv38d> | Causes of economic change in the UK:De-industrialisation.Globalisation.Government policies. |
| 2<https://classroom.thenational.academy/lessons/a-post-industrial-economy-in-the-uk-part-1-cmv6ad> | A post-industrial economy in the UK:Development of IT, service industries, finance, and research. |
| 3<https://classroom.thenational.academy/lessons/a-post-industrial-economy-in-the-uk-part-2-71j6ad> | A post-industrial economy in the UK: (Part 2)Development of science and business parks. |
| 4<https://classroom.thenational.academy/lessons/how-can-modern-industry-in-the-uk-become-more-sustainable-c4v36d> | A sustainable modern industrial development in the UK: The Unicorn Group, Northern Ireland.Impacts of industry on the physical environment.How the example is more environmentally sustainable. |
| 5<https://classroom.thenational.academy/lessons/a-uk-rural-landscape-experiencing-growth-north-somerset-65jpad> | A UK rural landscape experiencing growth: North Somerset.Social changes.Economic changes. |
| 6<https://classroom.thenational.academy/lessons/a-uk-rural-landscape-experiencing-decline-cumbria-75hkac> | A UK rural landscape experiencing decline: South Lakeland, Cumbria.Social changes.Economic changes |
| 7<https://classroom.thenational.academy/lessons/transport-developments-in-the-uk-69j66t> | Transport developments in the UK:Road and rail infrastructure.Port capacity.Airport capacity. |
| 8<https://classroom.thenational.academy/lessons/the-north-south-divide-in-the-uk-6hjkae> | The north-south divide in the UK:Strategies to resolve regional differences. |
| 9<https://classroom.thenational.academy/lessons/economic-and-political-links-between-the-uk-and-the-wider-world-cru66t> | Economic and political links between the UK and the wider world:The EU.The Commonwealth. |

Term 3 – Revision – Understanding Natural Hazards, Tectonic Hazards, Climatic Hazards and Climate Change

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| **Lesson number** | **Core content** |
| 1<https://classroom.thenational.academy/lessons/what-are-natural-hazards-ccwkar> | Definition of natural hazard.Types of hazard. |
| 2<https://classroom.thenational.academy/lessons/what-are-the-factors-which-affect-hazard-risk-c5h34c> | Factors affecting hazard risk: |

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| **Lesson number** | **Core content** |
| 1<https://classroom.thenational.academy/lessons/plate-tectonics-theory-cmukcc> | Plate tectonics theory: |
| 2<https://classroom.thenational.academy/lessons/the-global-distribution-of-earthquakes-and-volcanoes-6gtk8d> | Global earthquake and volcano distribution: |
| 3 and 4<https://classroom.thenational.academy/lessons/types-of-plate-boundary-constructive-ccw3cd><https://classroom.thenational.academy/lessons/types-of-plate-boundary-destructive-and-conservative-c8w32c> | Types of plate boundary:Constructive, destructive, conservative.How each boundary causes earthquakes and volcanoes. |
| 5<https://classroom.thenational.academy/lessons/effects-and-responses-of-tectonic-hazards-c5h30c> | Categorising effects and responses:Primary and secondary effects.Immediate and long-term responses. |
| 6<https://classroom.thenational.academy/lessons/effects-of-earthquakes-new-zealand-and-nepal-6cwk4c> | Effects of earthquakes: New Zealand + Nepal.Differences between the two earthquakes. |
| 7<https://classroom.thenational.academy/lessons/responses-to-earthquakes-new-zealand-and-nepal-cgv3gt> | Responses to earthquakes: New Zealand + Nepal.Differences between the two earthquakes. |
| 8<https://classroom.thenational.academy/lessons/reasons-why-people-live-in-tectonic-areas-68ukar> | Reasons people live in tectonic areas: |
| 9 and 10<https://classroom.thenational.academy/lessons/reducing-the-risk-of-tectonic-hazards-monitoring-and-prediction-chjp4d><https://classroom.thenational.academy/lessons/reducing-the-risk-of-tectonic-hazards-protection-and-planning-6wtk6c> | Reducing the risk of tectonic hazards:Monitoring.Prediction.Protection.Planning. |

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| **Lesson number** | **Core content** |
| 1<https://classroom.thenational.academy/lessons/global-atmospheric-circulation-model-part-1-6mrp6t> | Global atmospheric circulation model:The three cells.Pressure belts. |
| 2<https://classroom.thenational.academy/lessons/global-atmospheric-circulation-model-part-2-70tp6e> | Global atmospheric circulation model:Surface winds.The coriolis effect. |
| 3<https://classroom.thenational.academy/lessons/what-is-the-global-distribution-of-tropical-storms-crw34c> | Global distribution of tropical storms:Link to the global atmospheric circulation model.  |
| 4<https://classroom.thenational.academy/lessons/how-do-tropical-storms-form-and-develop-cmvp6r> | Sequence, formation, and development of tropical storms:Causes.Structure and features. |
| 5<https://classroom.thenational.academy/lessons/how-might-tropical-storms-be-affected-by-climate-change-6mw3at> | Tropical storms: Impact of climate change on their distribution, frequency, and intensity. |
| 6<https://classroom.thenational.academy/lessons/what-are-the-effects-of-and-responses-to-tropical-storms-cdhp2c> | Effects and responses to tropical storms:Primary and secondary effects.Immediate and long-term responses. |
| 7<https://classroom.thenational.academy/lessons/typhoon-haiyan-tropical-storm-named-example-c4v66t> | Effects and responses to a named tropical storm: Typhoon Haiyan, The Philippines. |
| 8<https://classroom.thenational.academy/lessons/how-can-the-effects-of-tropical-storms-be-reduced-c4r30r> | Reducing the effects of tropical storms:Monitoring.Prediction.Protection.Planning. |
| 9<https://classroom.thenational.academy/lessons/is-the-uks-weather-becoming-more-extreme-cdjkge> | UK weather hazards:Evidence that weather in the UK is becoming more extreme. |
| 10<https://classroom.thenational.academy/lessons/somerset-floods-location-and-causes-60vpad> | An extreme weather event in the UK: Somerset Floods 2013-14.Location.Causes.  |
| 11<https://classroom.thenational.academy/lessons/somerset-floods-impacts-and-management-6ngk6c> | An extreme weather event in the UK: Somerset Floods 2013-14. (Part 2)Effects Management strategies to reduce risk. |

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| **Lesson number** | **Core content** |
| 1<https://classroom.thenational.academy/lessons/evidence-of-climate-change-6njkge> | Evidence of climate change. |
| 2 <https://classroom.thenational.academy/lessons/natural-causes-of-climate-change-64vk8c> | Natural causes of climate change:Orbital changes.Volcanic activity.Solar output. |
| 3 <https://classroom.thenational.academy/lessons/human-causes-of-climate-change-68vkar> | Human causes of climate change:Use of fossil fuels.Agriculture.Deforestation. |
| 4 <https://classroom.thenational.academy/lessons/the-effects-of-climate-change-75gk2c> | Effects of climate change:On people.On the environment. |
| 5<https://classroom.thenational.academy/lessons/mitigation-against-climate-change-part-1-61hkjc> | Mitigation against climate change:Alternative energy production.Carbon capture. |
| 6 <https://classroom.thenational.academy/lessons/mitigation-against-climate-change-part-2-cnhp8t> | Mitigation against climate change: (Part 2)Planting trees.International agreements. |
| 7 <https://classroom.thenational.academy/lessons/adaptation-against-climate-change-ccu30d> | Adaptation against climate change:Change in agricultural systems.Managing water supply.Reducing risk from rising sea levels. |

Term 4 – REVISION - Understanding Resources and Water

***PRE-RELEASE MATERIAL, IF APPLICABLE, SHOULD BE COVERED BEFORE REVISING THIS UNIT.***

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| **Lesson number** | **Core content** |
| 1<https://classroom.thenational.academy/lessons/how-well-being-is-affected-by-resource-availability-cnh30d> | How well-being is affected by resource availability:Food, water, and energy resources. |
| 2<https://classroom.thenational.academy/lessons/global-inequalities-in-the-supply-and-demand-of-resources-cnj62r> | How well-being is affected by resource availability:Global inequalities in the supply and demand of resources. |
| 3<https://classroom.thenational.academy/lessons/issues-with-food-resources-in-the-uk-6tjp8t> | Issues with food resources in the UK:Increased demand for high value exports from LICs.Increased demand (all-year round) for seasonal and organic produce.Increasing food miles.The move towards local sources of food.The move towards agribusiness. |
| 4<https://classroom.thenational.academy/lessons/issues-with-water-resources-in-the-uk-c4vpad> | Issues with water resources in the UK:Changing demands for water.Water quality and pollution management.Matching supply and demand (deficit and surplus).Water transfer schemes. |
| 5<https://classroom.thenational.academy/lessons/issues-with-energy-resources-in-the-uk-6mw6cd> | Issues with energy resources in the UK:The changing UK energy mix (reliance on fossil fuels, growing importance of renewables).Reduced domestic supplies of fossil fuels.Economic and environmental issues with exploiting energy sources. |

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| **Lesson number** | **Core content** |
| 1<https://classroom.thenational.academy/lessons/reasons-for-increasing-water-consumption-ctj68c> | Reasons for increasing water consumption:Economic development.Rising population. |
| 2<https://classroom.thenational.academy/lessons/natural-factors-affecting-water-availability-6crk2c> | Factors affecting water availability: Climate.Geology.Pollution of supply. |
| 3<https://classroom.thenational.academy/lessons/human-factors-affecting-water-availability-ccrkgc> | Factors affecting water availability:Over-abstraction.Limited infrastructure.Poverty. |
| 4<https://classroom.thenational.academy/lessons/impacts-of-water-insecurity-c8tk6t> | Impacts of water insecurity:Waterborne disease and water pollution.Food production.Industrial output.Potential for conflict where demand exceeds supply. |
| 5<https://classroom.thenational.academy/lessons/strategies-to-increase-water-supply-part-1-6tgpcd> | Strategies to increase water supply:Diverting supplies and increasing storage.Dams and reservoirs. |
| 6<https://classroom.thenational.academy/lessons/strategies-to-increase-water-supply-part-2-61j3cc> | Strategies to increase water supply: (Part 2)Water transfers.Desalination. |
| 7<https://classroom.thenational.academy/lessons/large-scale-water-transfer-scheme-china-ctk6ad> | Large-scale water transfer scheme: China.Advantages and disadvantages. |
| 8<https://classroom.thenational.academy/lessons/sustainable-water-supplies-part-1-74tp8t> | Sustainable water resource futures:Water conservation.Groundwater management. |
| 9<https://classroom.thenational.academy/lessons/sustainable-water-supplies-part-2-6gw62c> | Sustainable water resource futures: (Part 2)Recycling.“Grey” water. |
| 10<https://classroom.thenational.academy/lessons/increasing-sustainable-water-supplies-at-a-local-scale-kenya-c9jk4d> | Increasing sustainable supplies (local scale): Kenya. |

Term 5 – REVISION - Ecosystems, Tropical Rainforests and Hot Deserts

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| **Lesson number** | **Core content** |
| 1<https://classroom.thenational.academy/lessons/an-introduction-to-ecosystems-cmvk4d> | A small-scale UK ecosystem: Slapton Ley reed beds.Interrelationships within a natural system.Producers, consumers, decomposers, food chain, food web and nutrient cycling. |
| 2<https://classroom.thenational.academy/lessons/how-can-change-affect-a-small-scale-ecosystem-6cukgd> | Impacts of changing one component of an ecosystem: Slapton Ley reed beds. |
| 3<https://classroom.thenational.academy/lessons/global-ecosystems-where-are-they-and-what-are-they-like-6rrp2r> | Distribution and characteristics of large-scale natural global ecosystems: |

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| **Lesson number** | **Core content** |
| 1<https://classroom.thenational.academy/lessons/what-are-the-physical-characteristics-of-the-tropical-rainforest-6nk64t> | Physical characteristics of tropical rainforests: |
| 2<https://classroom.thenational.academy/lessons/plant-adaptations-in-the-tropical-rainforest-c4v6ac> | Adaptations of life in tropical rainforests:Plant adaptation. |
| 3<https://classroom.thenational.academy/lessons/animal-adaptations-in-the-tropical-rainforest-60r36t> | Adaptations of life in tropical rainforests:Animal adaptation. |
| 4<https://classroom.thenational.academy/lessons/interdependence-in-the-tropical-rainforest-6tk3cr> | Interdependence of features of tropical rainforests:Climate, water, soils, plants, animals, and people.Issues related to biodiversity. |
| 5<https://classroom.thenational.academy/lessons/changing-rates-of-deforestation-ctk68c> | Changing rates of tropical rainforest deforestation: |
| 6<https://classroom.thenational.academy/lessons/what-are-the-causes-of-deforestation-in-the-amazon-rainforest-part-1-c4wk2r> | Causes of deforestation in the tropical rainforest: Amazon rainforest.Subsistence and commercial farming.Logging.Road building.Mineral extraction. |
| 7<https://classroom.thenational.academy/lessons/what-are-the-causes-of-deforestation-in-the-amazon-rainforest-part-2-ccv6cc> | Causes of deforestation in the tropical rainforest: Amazon rainforest. (Part 2)Energy development.Settlement.Population growth. |
| 8<https://classroom.thenational.academy/lessons/what-are-the-impacts-of-deforestation-on-the-amazon-rainforest-6rtpar> | Impacts of deforestation in the tropical rainforest: Amazon rainforest.Economic development.Soil erosion.Contribution to climate change. |
| 9<https://classroom.thenational.academy/lessons/what-is-the-value-of-the-tropical-rainforest-to-people-and-the-environment-c9k38c> | Value of tropical rainforests to people and the environment: |
| 10<https://classroom.thenational.academy/lessons/how-can-we-manage-the-rainforest-sustainably-part-1-60rpcd> | Managing the rainforest sustainably:Selective logging and replanting.Conservation and education.Ecotourism. |
| 11<https://classroom.thenational.academy/lessons/how-can-we-manage-the-rainforest-sustainably-part-2-6muk0d> | Managing the rainforest sustainably: (Part 2)International agreements about the use of tropical hardwoods.Debt reduction. |

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| **Lesson number** | **Core content** |
| 1<https://classroom.thenational.academy/lessons/physical-characteristics-of-hot-deserts-crr38r> | Physical characteristics of hot desert environments: |
| 2<https://classroom.thenational.academy/lessons/interdependence-of-features-of-a-hot-desert-70w34d> | Interdependence of features of hot desert environments:Climate, water, soils, plants, animals, and people.Issues related to biodiversity. |
| 3<https://classroom.thenational.academy/lessons/hot-desert-adaptations-to-plants-70r36c> | Adaptations to hot desert environments:Plant adaptations. |
| 4<https://classroom.thenational.academy/lessons/hot-desert-adaptations-to-animals-6ct30e> | Adaptations to hot desert environments:Animal adaptations. |
| 5<https://classroom.thenational.academy/lessons/development-opportunities-in-hot-deserts-the-sahara-cnj62e> | Development opportunities in hot desert environments: The Sahara.Mineral extraction.Energy.Farming.Tourism. |
| 6<https://classroom.thenational.academy/lessons/challenges-of-developing-hot-deserts-the-sahara-60wkar> | Challenges of developing hot desert environments: The Sahara.Extreme temperatures.Water supply.Inaccessibility. |
| 7<https://classroom.thenational.academy/lessons/causes-of-desertification-population-growth-6mw3et> | Causes of desertification:Climate change.Population growth.Removal of fuel wood. |
| 8<https://classroom.thenational.academy/lessons/causes-of-desertification-soil-erosion-6cwpct> | Causes of desertification:Overgrazing.Over-cultivation.Soil erosion. |
| 9<https://classroom.thenational.academy/lessons/strategies-to-reduce-the-risk-of-desertification-cgv66d> | Strategies to reduce the risk of desertification:Water and soil management.Tree planting.Use of appropriate technology. |