

Physical landscapes in the UK

	Covered in class?	😊	😐	😞	Revision undertaken
I can describe the location of the major upland and lowland areas within the UK					
I can describe the location of the major river systems within the UK					
Coastal landscapes of the UK					
I can define what the coast is					
I can describe and explain the different types of waves					
I can name and explain the four processes of erosion					
I can name and explain the processes of weathering					
I can name and explain the processes of mass movement					
I can describe erosional landforms and the sequence of (arch, caves, stacks, stump, wave cut platforms, wave cut notch) are formed.					
I can describe and explain the process of mass movement and slumping					
I can explain, <u>using an example</u> , how erosion and deposition will impact on the people and the environment at the coast.					
I can describe the processes of transportation in the coastal zone. (Longshore drift and traction, saltation, suspension and solution)					
I can explain the reasons why sediment is deposited on the coast.					
I can explain how depositional landforms (beaches, spit and bars) are formed.					
I can describe and explain methods of hard and soft engineering <u>using an example</u> .					
I can evaluate the cost and benefits of hard and soft engineering <u>using an example</u> .					
I can explain why people have different views about the way the coast is managed and the conflicts this may cause <u>using an example</u> .					
I can identify on an OS map all of the coastal landforms and use 4 & 6 fig grid references to locate them on a map					
River landscapes of the UK					
I can describe how a river's long profile and cross profile varies over its course					
I can explain how vertical and lateral erosion changes the cross profile of a river					
I can explain the four processes of erosion					
I can describe the four processes of transportation in a river					
I can explain the reasons why a river deposits its eroded material					
I can explain how interlocking spurs , waterfalls & gorges are formed					
I can explain that meanders are formed by erosion & deposition					
I can describe an Ox Bow lake and explain how they form from meanders					
I can explain how a flood plain , levee and estuaries are formed					
I can <u>use an example</u> of a river valley to demonstrate my understanding of the erosional and depositional landforms					
I can explain how physical and human factors affect the risk of flooding including precipitation, geology, relief and land use.					
I can explain what river discharge means & how it is shown on a hydrograph					
I can explain at least 4 factors (things!) that will either increase or decrease river discharge					
I can explain how hard engineering can reduce the risk of flooding or the effects of flooding					
I can explain how soft engineering can reduce the risk of flooding or the effects of flooding					
<u>Using an example</u> I can explain <ol style="list-style-type: none"> 1. Why the scheme was required 2. How the area was managed 3. The social, environmental and economic issues. 					
I can identify on an OS map all of the river landforms and use 4 & 6 fig grid references to locate them on a map.					

The challenge of natural hazards

	Covered in class?				Revision undertaken
Natural hazards					
I can define a natural hazard and give some examples of the different types.					
I can explain the different factors that affect risk .					
Tectonic hazards					
I can describe the distribution of earthquakes and volcanoes .					
I explain the differences between destructive , constructive and conservative plate margins.					
I know the main features of an earthquake and two different ways of measuring earthquakes.					
<u>Using named examples</u> of a tectonic hazard in both rich and poor countries. I can: (1) Explain why the tectonic hazard happened there, (2) Describe the effects that resulted from the earthquakes both primary and secondary. (3) Describe what was done after the earthquake (responses), both in the long and short term.					
I can explain why earthquakes cause more loss of life in poor than in rich countries.					
I can explain why people continue to live in areas at risk of tectonic hazards .					
I can explain how monitoring, planning and prediction of tectonic hazards can reduce their effects.					
Weather hazard					
I can describe the global atmospheric circulation model .					
I can explain how the global atmospheric circulation model affects weather around the world.					
I can describe the distribution of tropical storms .					
I can explain the causes of a tropical storm .					
<u>Using a named example</u> I can describe and explain the primary and secondary impacts of tropical storms .					
I can assess and evaluate methods of responses tropical storms in both the long and the short term <u>using a named example</u> .					
I can explain how tropical storms might be affected by global warming .					
I can explain how monitoring, planning and prediction of tropical storms can reduce their effects.					
I can explain the cause of an extreme weather event <u>using an example</u> .					
I can describe and expel the social, economic and environmental <u>using an example</u> .					
I can identify evidence of the weather becoming more extreme <u>using an example</u> .					
I can explain how extreme events can be managed to reduce the impacts.					
I can assess and evaluate the impact that weather conditions have upon people homes, lives, agriculture, health and transport.					
Climate change					
I can explain the evidence both for and against climate change .					
I can explain both the natural and human causes of climate change.					
I can assess and evaluate the economic, social, environmental and political impacts of climate change both on the world and the UK.					
I can describe and evaluate the mitigation strategies used to reduce the impact of global climate change on a local, national and international level.					
I can describe and evaluate the adaption strategies used to reduce the impact of global climate change on a local, national and international level.					

The challenge of resource management

	Covered in class?				Revision undertaken
I can describe the importance of food, water and energy to the economic and social wellbeing.					
I can describe the distribution of resources around world.					
I can explain why resources are unevenly distributed around the world.					
Resource management core content					
I can describe the distribution of resources around the UK.					
I can explain the changing demand for different foods in the UK.					
I can explain why food miles are increasing in the UK.					
I can explain how food miles can be reduced in the UK.					
I can describe the different industries involved in agriculture (agribusiness) and explain how they are changing in the UK.					
I can explain the changing demand for water in the UK.					
I can describe the problems with water quality and pollution in the UK and how they can be managed.					
I can explain how the UK is trying to manage water to meet supply and demand .					
I can describe the UKs energy mix and how it has changed over time.					
I can explain how the UK can reduce its reliance on fossil fuels .					
I can describe and explain the economic and environmental issues with exploitation of energy sources.					
Resource management option: Water					
I can describe the global distribution of water resources both surplus and deficit					
I can explain why water consumption is increasing					
I can explain and evaluate the different factors which effect water availability including: <ul style="list-style-type: none"> • Climate • Geology • Pollution of supply • Over-abstraction • Limited infrastructure • Poverty. 					
I can analyse the impacts of water insecurity including: waterborne disease <ul style="list-style-type: none"> • Water pollution • Food production • Industrial output • The potential for conflict where demand exceed supply. 					
I can explain and evaluate how water supplies can be managed to increase supply in certain areas					
I can <u>use an example</u> to show how managing water through a transfers schemes has both advantages and disadvantages					
I can explain how water resources can be managed sustainably					
I can <u>use an example</u> of a local scheme which has managed water sustainably to increase water supplies.					

The changing economic world

	Covered in class?				Revision undertaken
I can describe the methods of classifying countries and use different development indicators .					
I can evaluate the use of different developmental indicators .					
I can use the Demographic Transition Model to explain the link between changing population structure and level of development.					
I can explain the causes of uneven development : 1. Physical 2. Economic 3. Historical					
I can explain the impacts of uneven development on people					
I can explain how the development gap can be reduced looking at: 1. Investment 2. Industrial development and tourism 3. Aid 4. Using intermediate technology 5. Fairtrade 6. Debt relief 7. Microfinance loans.					
I can <u>use an example</u> to show how tourism in an LIC can help to reduce the development gap					
Case study of the LIC or NEE – India					
I can explain why <u>India</u> is important within Asia and internationally					
I can describe the political, social and culture contact of <u>India</u> within a world context .					
I can describe the changing industrial structure within in <u>India</u> .					
I can explain how manufacturing can stimulate economic growth in within <u>India</u> .					
I can define a Transnational Corporation (TNC) <u>using a case study</u> .					
I can explain the advantaged and disadvantages of TNCs to <u>India</u>					
I can describe how <u>India's politics</u> and trading relationship have changed over time.					
I can described what aid is where is comes from <u>using a case study</u> .					
I can explain what aid India has received and how it has impacted upon the country <u>using a case study</u> .					
I can explain and evaluation the environmental impacts of economic development .					
I can explain and evaluation impacts of economic development on the population of India					
Economy of the UK					
I can explain why deindustrialisation has occurred in the UK					
I can explain the advantages and disadvantages of the UK move in the tertiary sector (post-industrial economy					
I can explain, <u>using an example</u> , how modern industry can reduce its impact upon the environment and become more sustainable					
I can explain, <u>using an example</u> , the social and economic impacts of population growth on a rural landscape .					
I can explain, <u>using an example</u> , the social and economic impacts of population decline on a rural landscape .					
I can describe and explain the impact or transport developments in road, rail, port and airports.					
I can describe the North – South divide in the UK.					
I can evaluate and explain the strategies use to solve regional differences within the UK.					
I can examine the global links made with the wider world through trade, culture, increased communication, economics and political groupings such as the commonwealth and the European Union.					
I can analyse the growing interdependence and globalisation of the UK in relation to its economy and politics.					

The Living world

	Covered in class?				Revision undertaken
Using an <u>example</u> from the UK, I can explain the interrelationship within the natural system.					
I can define and give UK <u>examples</u> of producers consumers, decomposer, food chain, food web and nutrient cycle					
I can explain their interdependence of each of the above and explain how changes might affect each other.					
I can describe the distribution and characteristics of global ecosystems around the world.					
Tropical rainforests (core content)					
I can describe the physical characteristics of the tropical rainforests					
I can explain the interdependence of the climate, water, soils, plants, animals and people in a tropical rainforest					
I can explain how plants and animals have adapted to the physical conditions of tropical rainforests.					
I can describe and explain the problems and issues with changing biodiversity within the tropical rainforest.					
I can describe and explain the changing rates of deforestation .					
I can <u>use a case study</u> to explain the causes of deforestation subsistence and commercial farming, <ol style="list-style-type: none"> 1. Logging, 2. Road Building 3. Mineral Extraction 4. Energy Development, 5. Settlement 6. Population Growth 					
I can <u>use a case study</u> to explain the impacts of deforestation <ol style="list-style-type: none"> 1. Economic development 2. Soil erosion, 3. Contribution to climate change. 					
I can explain the importance and value of the tropical rainforest on a local, national and international scale.					
I can explain why it is important the tropical rainforest should be managed sustainably .					
I can explain how the tropical rainforest can be managed sustainably using a range of methods <ol style="list-style-type: none"> 1. Selective logging and replanting 2. Conservation and education 3. Ecotourism 4. International agreements about the use of tropical hardwoods, 5. Debt reduction. 					
Hot deserts (option)					
I can describe the physical characteristics of the hot desert					
I can explain the interdependence of the climate, water, soils, plants, animals and people in a hot desert					
I can explain how plants and animals have adapted to the physical conditions of hot deserts					
I can describe and explain the problems and issues with changing biodiversity within the hot desert.					
I can <u>use a case study</u> to explain the causes of desertification subsistence and commercial farming, <ol style="list-style-type: none"> 1. Mineral Extraction 2. Energy Development 3. Farming 4. Tourism 					
I can <u>use a case study</u> to explain the challenges of desertification <ol style="list-style-type: none"> 1. Extreme temperature 2. Water supply 3. Inaccessibility 					
I can define and describe desertification					
I can explain the causes of desertification both human and natural					
I can explain a how desertification can be managed using: <ol style="list-style-type: none"> 1. Water and soil management 2. Tree planting 3. Using appropriate technology 					

Urban issues and challenges

	Covered in class?				Revision undertaken
I can explain how urbanisation has happened at different rates and at different times in different parts of the world making reference to LICs and HICs.					
I can explain some of the causes of urbanisation in different parts of the world making reference to LICs and HICs.					
Case study of the LIC or NEE – Mumbai					
I can explain why <u>Mumbai</u> is important nationally and internationally					
I can explain why and how <u>Mumbai</u> has grown					
I can explain, analyse and evaluate the opportunities in <u>Mumbai</u> including: <ol style="list-style-type: none"> 1. Access to services – health 2. Access to services - education 3. Access to resources - water supply 4. Access to resources - energy 5. How urban industrial areas can promote economic development 					
I can explain, analyse and evaluate the challenges in <u>Mumbai</u> including: <ol style="list-style-type: none"> 1. Managing urban growth – slums, squatter settlements 2. Clean water, sanitation systems and energy 3. Access to services – health and education 4. Unemployment and crime 5. Managing environmental issues – waste disposal, air and water pollution, traffic congestion. 					
I can explain and evaluation the how <u>Mumbai</u> can plan to improve the quality of lives for the urban poor . [use the examples in Dharavi and Navi Mumbai]					
Case study of a HIC - Plymouth					
I can explain why <u>Plymouth</u> is important nationally and internationally					
I can explain why and how <u>Plymouth</u> has grown					
I can explain the impact of national and international migration on the growth and character of the <u>Plymouth</u> .					
I can explain, analyse and evaluation the opportunities in <u>Plymouth</u> including <ol style="list-style-type: none"> 1. Cultural mix 2. Recreation 3. Entertainment 4. Employment 5. Integrated transport systems 6. Urban greening 					
I can explain, analyse and evaluation the challenges in Plymouth including <ol style="list-style-type: none"> 1. Inequalities in housing, education and employment. 2. Urban deprivation 3. Dereliction of buildings 4. Building on brown and greenfield sites. 5. Water disposal 6. Urban sprawl on the rural – urban fringe and of commuter towns 					
I can explain, analyse and evaluation the how Plymouth has undergone regeneration . [Devonport]					
Urban sustainability					
I can describe how people can live more sustainably					
I can explain how sustainable urban living can conserve water and energy, recycle waster and create more green space. [BedZED]					
I can explain how urban transport strategies are used to reduce traffic congestion .					