

Year 10		Year 11
Tectonics	Challenge of Natural Hazards	Urban landscapes (Fieldwork)
Extreme weather in the UK Global Warming Tropical Storms		Living World, Tropical Rainforests(*) and Deserts
Christmas		
Resource management and Energy		Changing Economic World
Revision and Skills		Skills – Numeracy, Mapping, Fieldwork
Y10 Exam		Mock
Easter		
Coasts (Fieldwork)		Decision Making Exercise (booklets from AQA)
Rivers		Revision

Revision Timetable: 12 Weeks

Week Number	Topic
Week 1	<p>Unit 2: The challenge of resources management</p> <ul style="list-style-type: none"> - You should know the keywords for the topic: undernutrition, resource, food miles, carbon footprint, organic produce, water surplus, water deficit, water stress, water transfer, grey water, energy conservation, energy mix, energy security, fracking, food security, food surplus, food deficit, food insecurity. - You should be revising resource management, managing energy resources. In section C, in your final exam you will have to answer Question 3 and one other question. In the resource management section, you will address how food, water and energy are fundamental to human development. You will then look at the changing demand and provision of resources in the UK and how these create opportunities and challenges.
Week 2	<p>Unit 2: Energy management</p> <ul style="list-style-type: none"> - You should know the keywords for the topic: wind, solar, HEP, energy mix, non-renewable energy sources, fossil fuels, biomass, nuclear power - You should know about exploiting energy resources in the Arctic, where natural gas is found and about extracting natural gas in the Amazon with advantages and disadvantages, sustainable energy developments in Malmo, Sweden and about sustainable energy scheme in the Andes Mountains of Peru – Chambamontera (Micro-Hydro Scheme) - You should be revising how demand for energy resources is rising globally but supply can be insecure, which may lead to conflict. You should also be revising different strategies can be used to increase energy supply.
<p>Resources/helpful links:</p> <ul style="list-style-type: none"> - http://www.coolgeography.co.uk/gcsen/CRM_Overview_Changing_Energy_Mix.php - http://www.coolgeography.co.uk/gcsen/resource_management.php - http://www.bbc.co.uk/schools/gcsebitesize/geography/energy_resources/ - http://www.aqa.org.uk/subjects/geography/gcse/geography-8035/specification-at-a-glance - Z:\ - GCSE Geog A Textbook pages 254-298 - Pearson Revision Workbook: page 103 - 118 	
Week 3	<p>Unit 1: The Challenge of Natural Hazards</p> <ul style="list-style-type: none"> - You should know the keywords for the topic: plates, plate margins (constructive, destructive, conservative), collision zones, oceanic crust, continental crust, subductions, fold mountains, ocean trenches, composite volcanoes, shield volcanoes, pyroclastic flows, supervolcano, caldera, Volcanic Explosivity Index (VEI), Shock Waves, Focus, Epicentre, Richter Scale, Mercalli Scale, Tsunami - You should be revising what a natural hazard is, how it poses major risks to people and property, what a tectonic hazard is: how earthquakes and volcanic eruptions are the result of physical processes. The effects of and responses to tectonic

Revision Timetable: 12 Weeks

	<p>hazards varying between areas of contrasting wealth and how management of these areas can reduce the effects of tectonic hazards.</p>
Week 4	<p>Unit 1: Weather and climate change</p> <ul style="list-style-type: none"> - You should know the keywords for the topic: rising sea level, shrinking ice, solar activity, volcanic activity, greenhouse effect, carbon capture, planting trees, fossil fuels - You should be revising global atmospheric circulation and how this determines to patterns of weather and climate, tropical storms (hurricanes, cyclones, typhoons) develop as a result of particular conditions. Tropical storms have significant effects on people and environments, how the UK is affected by a number of weather hazards and how extreme weather events in the UK have impacts on human activity. Climate change is the result of natural and human factors and has a range of effects and managing climate change involves both mitigation and adaptation – reducing and responding to change.
<p>Resources/helpful links:</p> <ul style="list-style-type: none"> - http://www.bbc.co.uk/schools/gcsebitesize/geography/natural_hazards/ - http://revisionworld.com/gcse-revision/geography/tectonic-activity - http://www.coolgeography.co.uk/gcsen/challenge_natural_hazards.php - Z:\Humanities\1. ORA GCSE\GCSE Geog\Revision\Revision PPTS\Physical\Restless-earth.pptx - http://www.bbc.co.uk/schools/gcsebitesize/geography/weather_climate/ - GCSE Geog A Textbook pages 6-48 - Pearson Revision Workbook: page 1-22 	
Week 5	<p>Unit 2: Urban issues and challenges: The Urban world</p> <ul style="list-style-type: none"> - You should know the keywords for the topic: urbanisation, rural-urban migration, megacities, concentric ring model, central business district (CBD), Inner city, suburbs, rural-urban fringe, ethnic segregation, rebranding, shanty towns, squatter, squatter settlements, informal economy, self-help, site schemes, sustainability, integrated transport policy - You should be revising how a growing number of the world's population live in urban areas and how urban growth creates opportunities and challenges for cities in lower income countries and newly emerging countries. You should be able to discuss; Mumbai, London and Freiburg when you discuss sustainable cities.
Week 6	<p>Unit 2: Urban change in the UK</p> <ul style="list-style-type: none"> - You should be revising the urban change in cities in the UK and how this leads to a variety of social, economic and environmental opportunities and challenges
<p>Resources/helpful links:</p> <ul style="list-style-type: none"> - http://revisionworld.com/gcse-revision/geography/urbanisation - http://www.bbc.co.uk/schools/gcsebitesize/geography/urban_environments/ - Z:\Humanities\1. ORA GCSE\GCSE Geog\Revision\Revision PPTS\Human\Urban-change.pptx - http://www.coolgeography.co.uk/gcsen/urban_issues.php 	

Revision Timetable: 12 Weeks

- GCSE Geog A Textbook pages 146-190
- Pearson Revision Workbook: page 71 - 102

Week 7

Unit 1: Physical landscapes in the UK: River landscapes

- **You should know the keywords for the topic: tributary, v-shaped valley, interlocking spur, river channel, erosion, abrasion, attrition, hydraulic action, solution, transport, saltation, solution, traction, suspension, load, bedload, waterfall, gorge, plunge pool, floodplain, meander, helical flow, thalweg, point bar, oxbow lake, sediment, levees, bankfull, mudflats, saltmarshes, long profile, cross profile, discharge, antecedent rainfall, hydrograph, rising limb, lag time, confluence, hard engineering, soft engineering, water stress, water-transfer scheme**
- the You should be revising the shape of the river valley and how this changes as rivers flow downstream, you should know how processes such as erosion, transportation and deposition change the shape of the river valleys. You should also revise the different landforms are caused by different processes as rivers flow downstream. The amount of water also changes because of different factors, you should revise these factors and also think about the reasons rivers can flood – this can be due to physical and human causes – remember that flooding seems to be happening more often.

Week 8

Unit 1: Physical landscapes in the UK: Coastal landscapes

- **You should know the keywords for the topic: swash, backwash, fetch, destructive waves, constructive waves, erosion (hydraulic action, abrasion, attrition, solution), wave cut notch, wave-cut platform, headlands, bays, caves, arches, stacks, stumps, transport (suspension, solution, traction, saltation), longshore drift, beaches, sand dunes, spits, bars, marine processes, sub-aerial processes, weathering (mechanical-free-thaw, chemical – solution), mass movement (sliding, slumping), environmental refugees, hard engineering (sea walls, groynes, rock armour, gabions), soft engineering (beach nourishment, sand dune regeneration, salt marsh creation, manages retreat), shoreline management plan**
- You should be revising different processes that can shape the coast – weathering, mass movement, erosion, transportation and deposition. You should be able to discuss coastal landforms at Swanage and discuss manage retreat. You need to revise how erosion and deposition create distinctive landforms. You also need to consider how rising sea levels will affect people living in the coastal zone with case study evidence of Lyme Regis being used to reinforce these ideas.

Resources/helpful links:

- http://www.bbc.co.uk/schools/gcsebitesize/geography/water_rivers/
- <Z:\Humanities\1. ORA GCSE\GCSE Geog\Revision\Revision PPTS\Physical\Water-on-the-land.pptx>
- <http://www.bbc.co.uk/schools/gcsebitesize/geography/coasts/>
- <Z:\Humanities\1. ORA GCSE\GCSE Geog\Revision\Revision PPTS\Physical\Coastal-zone.pptx>
- http://www.coolgeography.co.uk/gcsen/physcal_landscapes.php
- GCSE Geog A Textbook pages 88-130
- Pearson Revision Workbook: page 44-63

Week 9

Unit 2: The changing economic world: The Development Gap

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	<ul style="list-style-type: none"> - You should know the keywords for the topic: - You should be revising how unequal the world is and some of the reasons why this happens, how do we measure development, what is the demographic transition model is, changing population structures and what causes uneven development around the world – wealth and health, migration and ways in which you can reduce the gap with aid and intermediate technology, how you can also reduce the gap with fair trade, debt relief, and tourism.
Week 10	<p>Unit 2: Nigeria: an NEE/The changing UK Economy</p> <ul style="list-style-type: none"> - You should be revising Nigeria as a case study, and then place it into context with the wider world, how can you balance a changing industrial structure, what are the impacts of transnational corporations, what are the impacts of international aid and how can environmental issues be managed, what is the quality of life in Nigeria? - You should also be revising changes in the UK economy, a post industrial economy, how has the UK science and business parks had an impact on progress, what are the environmental impacts of industry and how has rural landscapes in the UK changed. You should be revising the changing transport infrastructure and be aware of the north-south divide. You should also be able to discuss the UK in the wider world context.
<p>Resources/helpful links:</p> <ul style="list-style-type: none"> - http://www.coolgeography.co.uk/gcsen/economic_world.php - http://www.coolgeography.co.uk/gcsen/EW_UK_Economic_Change.php - http://www.coolgeography.co.uk/gcsen/EW_Measures_Development.php - GCSE Geog A Textbook pages 192 – 252 - Pearson Revision Workbook: page 86-102 	
Week 11	<p>Unit 1: The living world: Ecosystems & Tropical rainforests</p> <ul style="list-style-type: none"> - You should know the keywords for the topic: - You should be revising small scale ecosystems, how does change affect ecosystems and global ecosystems. You should be revising environmental characteristics of rainforests, causes of deforestation in Malaysia and the impacts of this. You should also be revising managing tropical rainforests and how rainforests can be sustainably managed.
Week 12	<p>Unit 1: Hot Deserts</p> <ul style="list-style-type: none"> - You should be revising environmental characteristics of hot deserts, opportunities for development in hot deserts, challenges of development in hot deserts, what is desertification and reducing the rates of desertification.
<p>Resources/helpful links:</p> <ul style="list-style-type: none"> - http://www.coolgeography.co.uk/gcsen/living_world.php - http://www.coolgeography.co.uk/gcsen/GCSE_LW_Background.php # - http://www.coolgeography.co.uk/gcsen/GCSE_LW_Hot_Desert_characteristics.php - GCSE Geog A Textbook pages 50-76 - Pearson Revision Workbook: page 23-37 	

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