

Year 9 Geography Curriculum Map

	Autumn Term	Spring Term	Summer Term
Unit Length	Section A : The Challenge of Natural Hazards (36 lessons)	Section B: The Living World (23 Lessons)	Section C: Physical Landscapes in the UK (25 lessons)
Links to the National curriculum/Assessment Objectives	AQA GCSE 8035 Assessment objectives covered through knowledge, understanding, skills, evaluation and analysis. AO1: Demonstrate knowledge of locations, places, processes, environments and different scales. AO2: Demonstrate geographical understanding of: concepts and how they are used in relation to places, environments and processes; the interrelationships between places, environments and processes. AO3: Apply knowledge and understanding to interpret, analyse and evaluate geographical information and issues to make judgements AO4: Select, adapt and use a variety of skills and techniques to investigate questions and issues and communicate findings		
Description of the topic and key learning outcomes (key knowledge and understanding)	Unit 1 Living with the physical environment. Section A - The challenge of natural hazards. By the end of the unit students will know : <ul style="list-style-type: none"> • What is a natural hazard? <u>Tectonics</u> <ul style="list-style-type: none"> • What tectonic hazards are • What happens at plate margins? • What causes earthquakes? • What are the effects of an earthquake on a LIC and HIC? • What are the responses to earthquakes? • How do people live with tectonic hazards? • How can tectonic hazards be reduced? <u>Weather Hazards</u> <ul style="list-style-type: none"> • How the global atmospheric system works • Where and how tropical storms form • What are the features of a tropical storm? • Is climate change making tropical storms worse? • The effects and responses to a tropical storm – Typhoon Haiyan • How to reduce the risk of tropical storms • Weather hazards in the UK 	Unit 1 Living with the physical environment Section B - The Living World By the end of the unit students will know : <u>Ecosystems</u> <ul style="list-style-type: none"> • How a small-scale ecosystem works • How change affects ecosystems • Where are the world’s global biomes distributed? • What are tropical rainforests like? • Where are tropical rainforests located? • What are the causes of deforestation in Malaysia? • What are the impacts of deforestation in Malaysia? • How are tropical rainforests managed and protected? • How can rainforests be exploited in a sustainable way? <u>Hot Deserts</u> <ul style="list-style-type: none"> • What hot deserts are like • Thar desert: Opportunities • Thar desert: Challenges • Causes of desertification 	Unit 1 Living with the physical environment Section C - Physical Landscapes in the UK By the end of the unit students will know : <u>UK Landscapes : Coasts</u> <ul style="list-style-type: none"> • The UKs relief and landscapes • What are the characteristics of waves? • How does mass movement affect coastlines? • What erosional processes take place at the coastline? • Weathering and mass movement at the coastline • Coastal erosional processes at the coastline • What coastal landforms are created by erosion? • Managing coastlines using soft and hard engineering <u>UK Landscapes : Rivers</u> <ul style="list-style-type: none"> • Changes in rivers: upper, middle and lower • River processes and how they work • River landforms of erosion • River landforms of deposition

	<ul style="list-style-type: none"> • Extreme weather of the UK • Flooding in the UK • Heatwaves <p><u>Climate change</u></p> <ul style="list-style-type: none"> • Climate change – evidence • What are the natural causes of climate change? • What are the human causes of climate change? • What are the effects of climate change? • How can climate change be managed? • How can humans adapt to climate change? 	<ul style="list-style-type: none"> • Managing desertification 	<ul style="list-style-type: none"> • River landforms of the River Tees • Factors affecting the risk of flooding • How we can manage floods
Related Concepts (that are revisited)	<ul style="list-style-type: none"> • Hazards and plate boundaries • Effects of natural hazards • LIC and HIC 	<ul style="list-style-type: none"> • Global atmospheric systems and weather patterns • The impact of climate change on flood events 	<ul style="list-style-type: none"> • The impact of climate change on coastal flooding and erosion • Sustainability • LIC / HIC
Skills being taught	<ul style="list-style-type: none"> • Map skills and interpretation of a variety of maps at different scales • Using satellite images to interpret information • Interpretation of data and charts • Comparing and contrasting statistics from different parts of the world 	<ul style="list-style-type: none"> • Plotting using graphs • Describing and Explaining Distributions/patterns • Drawing and interpreting climate graphs • Annotating photographs • Interpretation of data and charts • Using satellite images to understand deforestation 	<ul style="list-style-type: none"> • Maths – multiplication and interpretation • Notation • Explaining and sequencing responses, using diagrams to explain • Annotating photos • Map skills main focus (grid references, contour lines, cross sections)
Milestone assessments	AC (dates set by school)	AC (dates set by school)	AC (dates set by school)
Wider reading	BBC Bitesize Knowledge Organiser Revision guides Student textbook and work book	BBC Bitesize Knowledge Organiser Revision guides Student textbook and work book	BBC Bitesize Knowledge Organiser Revision guides Student textbook and work book
Literacy programme	Ambitious vocabulary and focus on key geography terminology and command words for the examination. Key words are already embedded in PPs.	Ambitious vocabulary and focus on key geography terminology and command words for the examination. Key words are already embedded in PPs.	Ambitious vocabulary and focus on key geography terminology and command words for the examination. Key words are already embedded in PPs.
Homework	Student textbook and work book	Student textbook and work book	Student textbook and work book
Oak Academy Link	Weather Hazards	Ecosystems	UK Landscapes : Coasts and Rivers

Lesson 1 Global Atmospheric Circulation
<https://classroom.thenational.academy/lessons/global-atmospheric-circulation-model-part-1-6mrp6t>

Lesson 2 Global Atmospheric Circulation (Part2)
<https://classroom.thenational.academy/lessons/global-atmospheric-circulation-model-part-2-70tp6e>

Lesson 3 Distribution of tropical storms
<https://classroom.thenational.academy/lessons/what-is-the-global-distribution-of-tropical-storms-crw34c>

Lesson 4 How do tropical storms form and develop

<https://classroom.thenational.academy/lessons/how-do-tropical-storms-form-and-develop-cmvp6r>

Lesson 5 Climate change and tropical storms

<https://classroom.thenational.academy/lessons/how-might-tropical-storms-be-affected-by-climate-change-6mw3at>

Lesson 6 Effects, responses to tropical storms

<https://classroom.thenational.academy/lessons/what-are-the-effects-of-and-responses-to-tropical-storms-cdhp2c>

Lesson 7 Typhoon Haiyan: Case study

<https://classroom.thenational.academy/lessons/typhoon-haiyan-tropical-storm-named-example-c4v66t>

Lesson 1 – Introduction to ecosystems
<https://classroom.thenational.academy/lessons/an-introduction-to-ecosystems-cmvk4d>

Lesson 2 – Ecosystems and food chains

Lesson 3 – Freshwater ecosystem

Lesson 4 – Change in an ecosystem

<https://classroom.thenational.academy/lessons/how-can-change-affect-a-small-scale-ecosystem-6cukgd>

Lesson 5 – World biomes

<https://classroom.thenational.academy/lessons/global-ecosystems-where-are-they-and-what-are-they-like-6rrp2r>

Lesson 6 – Tropical rainforest characteristics

<https://classroom.thenational.academy/lessons/what-are-the-physical-characteristics-of-the-tropical-rainforest-6nk64t>

Lesson 7 – Climate of TRF

Lesson 8 – Living in the TRF

<https://classroom.thenational.academy/lessons/what-is-the-value-of-the-tropical-rainforest-to-people-and-the-environment-c9k38c>

Lesson 9 – Deforestation

Lesson 10 – causes of deforestation

<https://classroom.thenational.academy/lessons/what-are-the-causes-of-deforestation-in-the-amazon-rainforest-part-1-c4wk2r>

Lesson 11 – Changing rates of deforestation

<https://classroom.thenational.academy/lessons/changing-rates-of-deforestation-ctk68c>

Lesson 12 – Malaysia case study

Lesson 13 – Sustainable management of TRF

<https://classroom.thenational.academy/lessons/how-can-we-manage-the-rainforest-sustainably-part-1-60rpd>

<https://classroom.thenational.academy/lessons/how-can-we-manage-the-rainforest-sustainably-part-2-6muk0d>

Lesson 1 -Physical Landscapes of the UK

Lesson 2 –Waves

<https://classroom.thenational.academy/lessons/wave-types-and-characteristics-chgk8c>

Lesson 3 –Weathering

<https://classroom.thenational.academy/lessons/coastal-weathering-and-erosion-6tk36t>

Lesson 4 -Erosion processes

<https://classroom.thenational.academy/lessons/mass-movement-6mu3gr>

Lesson 5 & 6 – Landforms of erosion

<https://classroom.thenational.academy/lessons/landforms-of-erosion-1-headlands-and-bays-75k6cc>

<https://classroom.thenational.academy/lessons/landforms-of-erosion-3-caves-arches-and-stacks-cwpaee>

<https://classroom.thenational.academy/lessons/landforms-of-erosion-2-wave-cut-platforms-6xh3jc>

Lesson 7,8 & 9 – Landforms of deposition

<https://classroom.thenational.academy/lessons/landforms-of-deposition-1-beaches-and-sand-dunes-74vk8t>

<https://classroom.thenational.academy/lessons/landforms-of-deposition-2-spits-and-bars-ccv3jc>

Lesson 10 & 11 Holderness case study

Lesson 12 Hard Engineering

<https://classroom.thenational.academy/lessons/coastal-hard-engineering-6tjkgd>

Lesson 13 - Soft Engineering

<https://classroom.thenational.academy/lessons/coastal-soft-engineering-6dj3gr>

<https://classroom.thenational.academy/lessons/managed-retreat-ccr34t>

Lesson 14 – Coastal Management – Holderness

Lesson 15 - Revision

Lesson 16 – River Landscapes

Lesson 17 – River Processes

<https://classroom.thenational.academy/lessons/how-do-rivers-erode-transport-and-deposit-their-load-64rp6t>

Lesson 8 How can the effects of tropical storms be reduced?
<https://classroom.thenational.academy/lessons/how-can-the-effects-of-tropical-storms-be-reduced-c4r30r>

Lesson 9 Is the UK weather becoming more extreme
<https://classroom.thenational.academy/lessons/is-the-uks-weather-becoming-more-extreme-cdjkg>

Lesson 10 UK, Somerset floods
<https://classroom.thenational.academy/lessons/somerset-floods-location-and-causes-60vpad>

Lesson 11 UK, Somerset floods – impacts and management
<https://classroom.thenational.academy/subjects-by-key-stage/key-stage-4/subjects/maths>

Lesson 18 – River Profile
<https://classroom.thenational.academy/lessons/what-are-river-long-and-cross-profiles-6nh62c>

Lesson 19 – River Tees

Lesson 20 – Erosional processes

Lesson 21 & 22 – Landforms of erosion
<https://classroom.thenational.academy/lessons/landforms-of-erosion-waterfalls-and-gorges-cgr6ar>

Lesson 23 – The upper course
<https://classroom.thenational.academy/lessons/landforms-of-erosion-v-shaped-valleys-and-interlocking-spurs-cnj30t>

Lesson 24 – The middle and lower course
<https://classroom.thenational.academy/lessons/landforms-of-erosion-and-deposition-meanders-and-oxbow-lakes-6wtp8e>
<https://classroom.thenational.academy/lessons/landforms-of-deposition-levees-floodplains-and-estuaries-cmw62c>

Lesson 25 – The Storm hydrograph
<https://classroom.thenational.academy/lessons/what-are-hydrographs-and-what-do-they-show-c8ukit>

Lesson 26 & 27 – Managing floods
<https://classroom.thenational.academy/lessons/what-are-the-human-and-physical-factors-that-increase-flood-risk-74w3gr>
<https://classroom.thenational.academy/lessons/how-can-rivers-be-managed-using-hard-engineering-strategies-75jp2e>

Lesson 28 & 29 – Banbury Case study
<https://classroom.thenational.academy/lessons/a-uk-flood-management-scheme-oxford-6wvk8t>