

Subject: Geography Year 10 Curriculum Map 2022-2023

Terms	Topics covered and core knowledge and skills	Links to careers	Links to the Knowledge organiser and other additional resources
Half term 1	<p>Weather and Climate To explain why the Earth has different climates. <i>To know the terms climate and solar radiation.</i></p> <p>To understand the global atmospheric circulation model. <i>To be able to explain the Hadley cells of the global atmospheric circulation model.</i></p> <p>To understand how ocean currents affect climate. <i>To be able to explain what an ocean current is and why they affect climate using 2 examples.</i></p> <p>To explain how the Earth's climate has changed over time. <i>To be able to describe how the earth's climate has changed. To describe the greenhouse effect. To name natural causes of climate change.</i></p> <p>To understand how human activity effects the climate. <i>To name the human causes of climate change, how that contributes to the greenhouse effect.</i></p> <p>To explain how tropical cyclones form. <i>To know the conditions needed for tropical cyclones to form. To explain the formation of a tropical storm.</i></p> <p>To understand the impacts of tropical storms? <i>To know the human and environmental impacts of tropical storms and how they are measured.</i></p> <p>To understand the preparation and responded to tropical storms. <i>To know who to prepare for tropical storms and how countries and the world respond to them.</i></p> <p>Case study- Typhoon Haiyan and Hurricane Katrina. <i>Understand the impacts on countries and similarities and differences between countries preparation and responses.</i></p>	<p>https://www.bbc.co.uk/bitesize/articles/zywwnb</p>	<p>This link would take you to the KO on our website but also maybe links to GCSE POD, Youtube etc</p> <p>https://maritime.rivoagency.com/admin/wp-content/uploads/sites/20/2022/10/Topic-1-Climate-Change-NEW-1-edit.pdf</p> <p>https://maritime.rivoagency.com/admin/wp-content/uploads/sites/20/2022/10/Topic-1-Tectonics-edit.pdf</p> <p>https://maritime.rivoagency.com/admin/wp-content/uploads/sites/20/2022/10/Topic-2-Development-Dynamics-edit.pdf</p>

	<p>Tectonic Hazards: To explain how tectonic plates move To know the characteristics of the different layers of the Earth and understand how tectonic plates move.</p> <p>To understand the different plate boundaries. To know the 3 plate boundaries and be able to identify which tectonic hazard occurs on them.</p> <p>To know how volcanoes form. To know how composite, shield and hotspots are formed and which plate boundary.</p> <p>To understand the impacts and responses to volcanic hazards. To define primary and secondary impacts and be able to name a few for each volcanic case study.</p> <p>To understand how countries respond to volcanic eruptions. To know how different countries respond to volcanic eruptions linking to case studies.</p> <p>To understand the distribution and formation of earthquakes. To explain where earthquakes occur around the world and why.</p> <p>Japan vs Haiti- Which earthquake is more hazardous? To be able to compare and contrast impacts and responses to a developed and developing countries earthquake.</p>	https://www.bbc.co.uk/bitesize/articles/zrc7y9q	
Half term 2	<p>Development Dynamics To know different ways of defining and measuring development. To understand the different ways of measuring economic, social and political development. To compare the development of multiple countries. To understand the causes and consequences of global inequality. To understand theories of global development and apply them to real life countries. To understand the difference between top-down and bottom-up development. To understand how a country can develop. To understand India's level of development. To understand the broad environmental, cultural, social and political contexts of India. To know how and why India is developing.</p>	https://www.careers.ox.ac.uk/international-development	https://ormistonacademiestrust.sharepoint.com/sites/OMaAHumanities/Shared%20Documents/Geography/Knowledge%20organisers/KS4%20Geography%20KO/Topic-2-Development-Dynamics%20edit.pdf?CT=1705402041823&OR=ItemsView

	<p>To know how globalisation and government policy is helping India develop.</p> <p>To understand how economic growth has affected India's population.</p> <p>To understand how economic growth has affected India's population.</p> <p>To understand how India's place in the world has changed.</p>		
Term 3	<p>Challenges of an urbanised world</p> <p>To understand why the world is becoming increasingly urbanised</p> <p>To understand how social and economic changes lead to urbanisation</p> <p>To know why urban economies, differ between developing, developed and emerging countries.</p> <p>Why and how do cities change over time.</p> <p>To understand why Mumbai's connectivity developed how it did</p> <p>To understand why Mumbai has grown so rapidly.</p> <p>To understand the opportunities and challenges of living in Mumbai</p> <p>Emphasise the opportunities despite the challenges – the people in Dharavi are resilient/creative and have a real sense of community</p> <p>To understand the differences in the quality of life in Mumbai.</p> <p>To understand how top down development strategies could help Mumbai.</p> <p>Understand how bottom up development strategies can help Mumbai.</p>	<p>https://www.careers.ox.ac.uk/international-development</p>	<p>https://ormistonacademiestrust.sharepoint.com/sites/OMaA-Humanities/Shared%20Documents/Geography/Knowledge%20organisers/KS4%20Geography%20KO/Topic-3-Challenges-of-an-Urbanising-World%20edit.pdf?CT=1705402021667&OR=ItemsView</p>
Term 4	<p>Coasts</p> <p>To understand how geology and past processes influence the physical landscape of the UK.</p> <p>To understand how upland and lowland landscapes result from the interaction of physical processes</p> <p>To understand how human activity has helped create distinctive UK landscapes.</p> <p>How are waves formed?</p> <p>To understand how bays and headlands are created</p> <p>To understand the different landforms created due to coastal erosion</p> <p>To explain how weathering and mass movement affect the coastline.</p> <p>To explain how transportation affect the coastline.</p> <p>To explain how depositional landforms are created along our coastlines.</p> <p>To understand how human activities have direct and indirect impacts on the coast.</p> <p>To know the reasons why there are increasing risks from coastal flooding</p> <p>Can we protect our coastlines?</p>	<p>https://www.countryside-jobs.com/marine-coastal/</p>	<p>https://ormistonacademiestrust.sharepoint.com/sites/OMaA-Humanities/Shared%20Documents/Geography/Knowledge%20organisers/KS4%20Geography%20KO/Topic-4-Rivers-and-Geology%20edit.pdf?CT=1705402412707&OR=ItemsView</p>

	To know different types hard engineering. To know different types soft engineering		
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