

Year 12 Curriculum Overview: Geography

TRANK WITT	Topics/ content outline:	Powerful Knowledge (key concepts, skills)	What will you be assessed on?	How can you help at home?
Coastal systems and landscapes	Coasts as natural systems - stores, flows, inputs, outputs and dynamic equilibrium Systems and processes - Coastal processes - Coastal processes - Landforms of deposition Costal landscape development - Landforms of deposition - Coastilines of emergence and submergence Costal management - Hard and soft engineering - Sustainable approaches Case studies - Contrasting landscape to the UK - Sundarbans The Nature and Importance of Places - Insider/Outsider Perspectives	Systems concepts Dynamic equilibrium High and low energy coastlines Waves Sediment cells and budgets Mass movement and weathering Erosional, transportation, deposition Landforms of erosion – wave cut platforms, caves, arches and stacks. Landforms of deposition – beaches spits, tombolos, offshore bars, barrier beaches, and sand dunes, mudflats/ saltmarshes Eustatic, isostatic and tectonic activity Coastal management - Hard and soft engineering	Regular knowledge checks Practice exam questions within lessons Termly assessments reviewing all 3 year 12 topics, there will be a range of A01, A02 and A03, including 6-, 9- and 20-mark questions.	Media • Follow any news stories about cities, especially Mumbai and London https://www.theguardian.com/cities , • Watch Kevin McCloud's 'Slumming If https://www.youtube.com/watch?v=vwDigkdSMto • Watch 'Jay Blades, East End through time' Classwork • Keep folders and notes organised • Recap on classwork to consolidate key concepts and knowledge • Use course checklists to monitor your own progress Independent work
	 Near/Far & Experienced/Media Places Factors contributing to character of places (endogenous/exogenous) 	Location, locale and sense of place Insider and Outsider		Challenge yourself to read around the subject, using the resources on Showbie Read the RGS subject content overview
Changing Places	Relationships and connections - Shifting flows - Demographic, socio-economic and cultural characteristics - External forces - Past and present connections Meaning and representations - Place attachments – identifies, perspectives and experiences - External agencies attempts to influence/create place meanings - Media representations - Past and present representations	Near and far places Experienced and media places Endogenous and exogenous factors Place identity – localism, regionalism, nationalism Topography, land use, built environment and infrastructure Demographic, socio-economic characteristics Social inequalities Flows of people, resources, money, investment and ideas Globalisation, homogenisation, localisation and glocalisation Remittances and repatriation of profits Gentrification, rebranding, regeneration, re-imaging International and global institutions, corporate bodies and TNCs	Regular knowledge checks Practice exam questions within lessons Termly assessments reviewing all 3 year 12 topics, there will be a range of A01, A02 and A03, including 6-, 9- and 20-mark questions.	 https://www.rgs.org/schools/teaching- resources/changing-place;-changing-places/ Use the practice questions and mark schemes on Showbie Use the intervention strategies available in the A-level revision on Showbie. Explore the governments approach to coastal management https://www.eastriding.gov.uk/counci/plans-and- policies/other-plans-and-policies-information/sustainable- environment-policies-and-strategies/ What is happening in the Sundarbans? https://www.nationalgeographic.com/environment /article/partner-content-transforming- sundarbans?scriybrkr=6ce91385
	Urbanisation - Global patterns & importance in human affairs. Urban Processes. Megacities. Urban Change. Urban Policy and Regeneration	Urbanisation, suburbanisation, counter – urbanisation & urban resurgence. Megacity, world/global cities – characteristics and importance in global economy. Urban Change - deindustrialisation, decentralisation & the rise of the service economy. Urban Policy – Regeneration in Britain since 1979 - UDCs, City Challance, NDCr.		Visits
Contemporary Urban Environments	 urban Forms - urban characteristics. Human & physical factors in urban form. New Urban Landscopes. Post-Modern Western Cities. Spatial patterns of land-use, economic inequality, social segregation & cultural diversity Social and Economic Issues associated with urbanisation – Issues associated with & strategies manage economic inequality, social segregation & cultural diversity. Urban Climate - The impact of urban form on loo weather & climate. Air quality & pollution reducti Urban Drainage – urban precipitation, water cyc and hydrographs. Issues and SUDS. River restoration a damaged urban catchment Urban Waste – generation, streams, disposal and comparison of incineration & landfill Other Urban Environmental Issues - atmospheric pollution, water pollution & dereliction Sustainable Urban Development – ecological footprint, dimensions of sustainable cities Case studies - contrasting urban areas 	Urban characteristics in contrasting setting. Physical & human factors affecting urban forms. Spatial patterns of land use, economic inequality, social segregation & cultural diversity & the factors that influence them. New urban landscapes -town centre mixed developments, cultural & heritage quarters, fortress developments, user associated with economic inequality, social segregation & cultural diversity and the factors that influence them. New urban landscape diverses and evelopments, urban landscape diverses and the concept of post-modern western cities. Social & Economic issues associated with economic inequality, social segregation & cultural diversity and strategies to manage these issues. Urban climate including temperature (UHI), precipitation, fogs & thunderstorms, wind. Air quality and pollution reduction policies. Urban urder cycle, water movement through urban catchemist, amounts as measured by hydrographs. Urban water cycle, water movement through urban catchement management in urban areas and the development of sustainable urban drainage systems (SUDS). River restoration & conservation in a damaged urban catchestics, lifestyles & attitudes. The environmental impacts of alternative approaches to waste disposal: unregulated, recycling, recovery, incineration, burda, submergence & trade. Comparison of incineration and strategies to manage these environmental impacts of alternative approaches to waste disposal: unregulated, recycling, recovery, incineration, burda, submergence & trade. Comparison of incineration and strategies to manage these environmental impacts of alternative conjecting and eveloping more sustainabile urban areas. Invironmental problems in contrasting urban areas - admospheric pollution, water pollution & dereliction and andregies to manage these environmental problems. Nature and feature of sustainable cities & three concept of liveability. Contemporary opportunities and challenges in developing more sustainable cities & three developing more sustainable cities and polution reduct	Regular knowledge checks Practice exam questions within lessons Termly assessments reviewing all 3 year 12 topics, there will be a range of A01, A02 and A03, including 6-, 9- and 20-mark questions.	 Local areas in Leeds/ Bradford or other towns and cities of relevance to see the urban landscape Leeds Recycling and Energy Recovery Facility (RERF) - https://www.leeds.veolia.co.uk/our-facility/leeds-recycling-energy-recovery-facility-ref-works Coastal environments - Holderness to explore the use of coastal management. Visit Hebden Bridge - To investigate how local and community groups have shaped place meaning. Discussions Talk to relatives/ friends about how areas have changed in their lifetime. How has coastal management changed since their childhood? Have they noticed a difference in the climate and the impact this is having in coastal areas?



Year 13 Curriculum Overview: Geography



	Topics/ content outline:	owerful Knowledge (key concepts, skills)	What will you be assessed on?	How can you help at home?
Water and carbon Cycles	Water and carbon cycles as natural systems GI • inputs, outputs, stores, flows and dynamic equilibrium Processes The water cycle Professes • Size of stores Professes • Processes driving change Floc • Basin basins and processes Ct • Flocd hydrographs dd The carbon cycle Factors driving change • Size of stores Factors driving change • Changes over time Ct • Carbon budget Immediate and life on earth • Relationship between water and carbon cycles • Human intervention Feedbace	lobal stores and distribution (water and carbon cycles) – lithosphere, ydrosphere, cryosphere and atmosphere. actors driving change (water cycle) – evaporation, condensation, clouds, recipitation, cryospheric processes. actors driving change (water cycle) – evaporation, condensation, clouds, ood hydrographs – seasonal variations hanges over time to the water cycle – farming, land use, water bstraction actors driving change (carbon cycle) – photosynthesis, respiration, ecomposition, combustion, carbon sequestration hanges over time to the carbon cycle – natural variation and human npact arbon budget eedback systems (water and carbon cycles) litigation of climate change	Regular knowledge checks Practice exam questions within lessons Termly assessments reviewing all 3 year 12 topics, there will be a range of A01, A02 and A03, including 6-, 9- and 20-mark questions.	 Media Follow news stories regarding volcanic eruptions, seismic events, tropical storms and wildfires from around the world Follow news stories about climate change Follow news stories about Antarctica Watch any documentaries about the relevant hazards/ climate change Follow @IGSgeog on twitter Watch 'Before the Flood' documentary to give an insight into the impact that the use of fossil fuels is having on the planet and what future implications this miaht have.
Hazards	The concept of hazards Nature, forms and potential impacts, Hazard perception Characteristic human responses and their relationship to hazard The Park Model and Hazard Management Cycle Plate Tectonics Earth structure Plate tectonic theory of crustal evolution Plate margins, process and associated landforms including magma plumes Volcanic/ Seismic/ Storm hazards/ Fires in Nature Impacts and human responses of a recent event Case Studies Multi-hazardous environment beyond the UK Hazard on a local scale	Hazard perception. Characteristic human responses and their relationship to hazard. The Park model. The Hazard Management Cycle. Earth structure. Plate tectonic theory, plate movement; destructive, constructive and conservative plate margins. Characteristic processes: seismicity and vulcancity and associated landforms. Magma plumes. The nature of vulcancity and seismicity and its relation to plate tectonics, forms of hazard. The nature of tropical storms and their underlying causes. Nature, conditions favouring and causes of wild fires For volcanic: seismic. storm hazards and fires in nature Spatial distribution, magnitude, frequency, regularity and predictability of hazard events. Impacts and short and long-term responses A recent example to illustrate impacts and responses Case Study: Nulli-hazardous environment beyond the UK to illustrate and analyse nature, risks, responses Case Study: Nulli-hazardous and responses	Regular knowledge checks Practice exam questions within lessons Termly assessments reviewing all 3 year 12 topics, there will be a range of A01, A02 and A03, including 6-, 9- and 20-mark questions.	 Classwork Keep folders and notes organised Recap on classwork to consolidate key concepts and knowledge Use course checklists to monitor your own progress Independent work Challenge yourself to read around the subject, using the resources on Showbie Use the practice questions and mark schemes on Showbie Use the intervention strategies available in the A-level revision on Showbie Visits
Global Systems and Global Governance	Globalisation - Dimensions and factors of globalisation Global Systems - - Interdependence - Unequal flows of people, money, ideas and technology - Unequal power relations International trade and access to markets - Volumes and patterns of trading blocs - Trading relationships and trading blocs - Differential access to markets The nature and role of TNCs - World Trade in a food commodity or manufactured product Global Governance - Agencies (UN) in the post-1945 era - Interactions between the local, regional, national and international and global scales The 'global commons' - Antarctica Globalisation Critique	Economies of scale Interdependence Global financial systems Trade agreements and trading blocs SDT agreements Fair Trade Containerisation Supply chains Specialisation Outsourcing NGOS Remittance and repatriation of profits Brain drain Inequalities, Conflict and injustices Power relations Global institutions – IMF WTO World Bank Growth and stability Antarctic Treaty, IWC and UNEP Imports and exports FDI protectionism	Regular knowledge checks Practice exam questions within lessons Termly assessments reviewing all 3 year 12 topics, there will be a range of A01, A02 and A03, including 6-, 9- and 20-mark questions.	 botch the store and management of water/ changes in river flow throughout the year Visit the 'Cliffe Castle in Museum' in Keighley to see one of the best geology exhibitions in the UK - https://www.visitbradford.com/thedms.aspx?dms=3&ven ue=2180332 Discussions Past natural hazards or ones that happen whilst studying A-level Geography Have family/ relatives noticed a change in their lifetime regarding the use of fossil fuels and the impact that has had regarding foreign policy and change to more renewable energy sources. Global trade