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MYU' -'	5i hi a b'%	5i hi a b'&	Gdf]b['%	Gdf]b['&	Gi a a Yf'%	Gi a a Yf'&
Hcd]W	<ck \ UnUfXci g]g'ci f'k cf`X3`What are natural hazards and how do tectonic hazards impact people?`	5fYU`W]Yg'h YgUa Y3` An exploration of changing urban environments using Rio de Janeiro as a focus.	<ck `XcYg'ci f`j]b[`k cf`X'k cf_3`What are tropical rainforests and cold environments like? What issues are these environments facing?`	g'hc i f]ga `h YVYghk Um lc`XYj Ycd`6 U]3`An issues evaluation exercise.		
7cb]bh what will students know?	<ol style="list-style-type: none"> 1. What natural hazards are and how they can be categorised. 2. The factors affecting hazard risk. 3. Plate tectonics theory; earth's structure, convection currents, slab push and ridge pull. 4. The relationship between plate margins and the distribution of earthquakes and volcanoes. 5. The physical processes taking place at each plate margin (constructive, destructive and conservative) that lead to earthquakes and volcanic activity. 6. Named examples in LIC and HIC locations to show the effects and responses to a tectonic hazard. 7. Reasons why people continue to live in areas at risk from tectonic hazards. 8. How monitoring, prediction, protection and planning can reduce the risks from tectonic hazards. 	<ol style="list-style-type: none"> 1. The global pattern of urban change and trends in different parts of the world. 2. The factors affecting urbanisation (migration and natural increase). 3. The emergence of megacities. 4. The location and importance of Rio. 5. The causes of growth in Rio. 6. How urban growth has created social and economic opportunities as well as challenges; managing urban growth, providing clean water, sanitation, energy, access to services, reducing crime and unemployment, managing environmental issues. 7. How urban planning is improving the life of the urban poor. 	<ol style="list-style-type: none"> 1. How ecosystems work; producers, consumers, decomposers, food chains, food webs, nutrient cycles, interrelationships between components, impact of changes. 2. The distribution and characteristics of biomes around the world. 3. The physical characteristics of tropical rainforests (TRFs). 4. The interdependence of climate, soils, water, plants, animals and people. 5. How plants and animals adapt to the physical conditions in TRFs. 6. Issues related to biodiversity in TRFs. 7. Deforestation; changing rates, causes, impacts (including the value of TRFs to both people and the environment), strategies to sustainably manage the TRFs. 8. The physical characteristics of cold environments. 9. How plants and animals adapt to the physical conditions in cold environments. 10. Issues related to biodiversity in cold environments. 11. Opportunities and challenges in an identified cold environment. 12. The value of cold environments and why they should be protected. 13. Strategies used to balance the needs of economic development and conservation in cold environments. 14. The interdependence of climate, permafrost, soils, plants, animals and people. 	<ol style="list-style-type: none"> 1. What the development gap is. 2. How to measure development and compare countries. 3. Methods of reducing the development gap. 4. The physical attractions of Bali as a tourist destination. 5. The impacts of tourism in Bali and how they can be reduced. 		
G]`g. What will students be able to do?	<ol style="list-style-type: none"> 1. Understand basics of GIS. 2. Mapping and describing distributions. 	<ol style="list-style-type: none"> 1. Mapping and describing distributions 2. Line graphs 3. Analysing images 	<ol style="list-style-type: none"> 1. Describe distributions 2. Recognise and assess interdependence 	<ol style="list-style-type: none"> 1. Assess strengths and weaknesses 2. Evaluation 3. Decision-making 		
Ch Yf.' Literacy, numeracy, ethos etc.	Literacy Numeracy	Literacy Numeracy	Literacy Numeracy	Literacy Numeracy Empathy		
5ggYgga Ybh	<ul style="list-style-type: none"> • Written assessment • HW project 	Written assessment	<ul style="list-style-type: none"> • Biome in a box project • Written assessment x 2 (TRF & Cold Environments) 	Presentation		