Subject :	Geography	Year Group:	8	

Scheme title	Volcanoes	Urban Geography	Environmental Issues	Development in the Horn of Africa
Purpose of scheme	The unit is an introduction to plate tectonics and natural hazards that is later covered at GCSE. The unit focuses on the cause and impacts of volcanic eruptions.	The unit is an introduction to the study of urban Geography that is later covered at GCSE. The units covers the concept of urbanisation and growth of UK cities. The unit will also compare opportunities and challenges of urbanisation in HIC's and LIC's. The unit will also introduce the concept of sustainabilty through looking at sustainable urban living.	The unit coveres the concept of global warming and extreme weather and looking at sustainable solutcions.. The unit will then teach students about the Ocean ecosystem and human actions can threaten an ecostystem.	The unit introduces the concepts of development, development gap and inequality. In the unit students will learn about the concepts of poverty and factors that may prevent or promote economic development. The unit acts as in introduction to the cocept of development that is covered at GCSE.
Knowledge in sequence	Structure of the earth; inner core, outer core, mantle, crust. Tectonic plates; plate boundary, constructive plate, destructive plate and conservative plate. Formation of a volcano and volcano shape; shield and composite volcanoes. Impacts and responses to a volcanic eruption; Icelandic Eruption. Benefits of living near a volcano; fertile soil, minerals and metals, geothermal energy, tourism. Super volcano and the global impacts; volcanic winter.	Varying rates of urbanisation in HIC's, NEE's and LIC's. Causes of urbanisation; rural urban migration and natural increase. Burgess model, function and land use of; CBD, Inner city, Suburbs and Rural-urban fringe. Issues associated with inner city decline, solutions to inner city decline. Impacts of urban growth and impacts upon the environment; use of London as an example. Design a sustainable city and develop strategies for reducing carbon footprint.	Is the world's weather becoming more extreme? Examine evidence of weather events. Causes of climate change; Natural cuases-solar flare, changing in earth orbit, volcanic activity. Human causes of enhanced greenhouse effect. Impacts of climate change and the ways to mitigate the potential future effects. Structure of a warm ocean ecosystem and the food chains (producer, primary consumers, secondary consumers) and web that exist. Identify how species of ocean life is adapted to the ecosystem. Human threats to the ocean and the impacts from; over fishing, pollution, oil spills, climate change and plastic in the ocean.	Categorising countries in LIC, NEE and HIC. Using development indicators as a way to determine level of development; birth rate, death rate, GDP and HDI. Demographic transition model and the link to changes in development. Strategies to reduce development gap; Use of aid, fair trade and TNC investment. Focus upon development in the Horn Africa focussing on Somalia; physical
Skills	• Structure of Earth and plate tectonics-science • Extended writing answers- 6 mark exam question. • Opportunities and challenges created by tectonic hazards- This is further covered at GCSE. Knowledge will progress to applying to further examples or to the use of figures beyond what is covered in this unit	• Extended writing • Opportunities and challenges • Sustainability-NC +GCSE • Population- NC • Location Knowledge – India –NC • Map skills • Graph skills	• Extended writing • Opportunities and challenges • Sustainability- • Population- • Climate change- • Climate change link to Science • Ecosystems and adaptations-	• Extended writing • Opportunities and challenges • Economic development- • Employment sectors- • Interdependence Interactions between physical and human
Key Words	Core Mantle Crust Tectonic plate Plate boundary Constructive plate Destructive plate Conservative plate Shield volcano Composite volcano Preparation Monitoring Evacuation Primary effect Secondary effect Response Super volcano	Urbanisation Push factor Pull factor Rural urban migration Natural increase Burgess model Central business district Inner city Suburbs Rural-urban fringe Sustainable Slum settlement Regeneration	Weather Climate Climate Change Solar flare Orbit Mitigation Adaptation Ecosystem Food chain Food web Pollution	Low income country Newly emerging economy High income country Development Gross domestic produce Birth rate Death rate Life expectancy Human development index Demographic transition model Aid Fair trade TNC Sahel Desertification Corruption Terrorism
End Point	Students are ale to identify constructive and destructive plate boundaries and describe how the movement can cause volcanic eruptions. Students are able to identify and describe different volcano shapes. Students and explain the impacts of a volcanic eruption at a local and global scale.	Students will be able to describe the changing rates in urbanisation and identify the structure of an urban area using the Burgess model. Students can explain the challenges and opportunities of urbanisation in a HIC. Students will then be able to make a comparision between a HIC and an LIC.	Students are able to explain the human and natural causes of climate and change and describe how human can mitigate the effects of climate change. Students can identify the interdependence between species in an ecosystem through a food chain and begin to assess the impacts of human activity on ocean ecosystems.	Students will be able to identify countries as HIC's, NEE and LIC's based on development indicators. Students are able to explain causes of inequality in development and suggest strategies to reduce ineaulities.
Assessment method	Lesson 3- Progress point on formation and shape of volcanoes- whole class crib sheet. Lesson 9- EOU assessment 30 mark exam paper, students are given 40 minutes to complete.	Lesson 4- progress point: exam questions focussed inner city challenges- whole class crib sheet. Lesson 7- Progress point focus on Urban challenges in HIC. Lesson 10- EOU assessment with cumulative assessment from volcanoes.	Lesson 5 Progress point-short exam questions on climate changes and mitigation. Lesson 11- Cumulative assessment of 3x 9 mark questions, volcanoes, urban and environmental issues	Lesson 5- Progress point covering development indicators, causes of uneven development and strategies to reduce development gap. Lesson 10-Cumulative assessment using 9 mark question covering a combination of volcanoes, urbanisation, environmental issues and development. 1 hour to complete