Year 9 Units of Work – GCSE GEOGRAPHY

Year 9	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Unit of Work	Topic 6 Resource Reliance Paper 2	Topic 6 Resource Reliance Paper 2	Topic 2 Dynamic Landscapes Paper 1 (Plate Tectonics)	Topic 2 Dynamic Landscapes Paper 1 (Landscapes)	Topic 2 Dynamic Landscapes Paper 1 (Landscapes)	Topic 2 Dynamic Landscapes Paper 1 (Landscapes)
Curriculum Map (Links to OCR B 9-1 GCSE) AO1 Geographical Knowledge AO2 Geographical Understanding AO3 Application of knowledge and understanding	**Introduction lesson to Topic 6** Continents Lines of longitude and latitude Oceans LIDC / EDC / AC Overview of course Overview of case studies **Global Demand for resources** How has the global demand and supply of food, energy and water changed since 2050? **Resource issues facing the UK** How have environments and ecosystems been used and modified by humans in the UK? How have competing pressures from different land-uses impacted on resource availability in the UK? **Food Security** What is food security and what are the physical and human factors that affect it? What is the global distribution of food access and how is it measured? What is the SDG Goal 2 all about (Zero hunger)?	**CASE STUDY of attempts to achieve food security in Tanzania** How has food security changed over time in Tanzania? What are the factors affecting food security in Tanzania and how have they adapted to these? How successful has goat aid (local scale attempt) been in achieving food security? How successful was the Canada Wheat Programme (past national attempt) in achieving food security? How successful is SAGCOT (present national attempt) at achieving food security? **Sustainability of different strategies to secure food security** Sustainability of: - Community based small scale approach – Kings Cross Skip Garden - Ethical consumerism such as fair trade and reducing food waste - Advances in technology such as GM crops and Hydroponics	**Earth Structure and Plate Boundaries** What is the structure of the earth like? What are tectonic plates and plate boundaries? Why do tectonic plates move? What happens at different plate boundaries? (convergent, divergent and conservative) What causes different types of volcanoes? (shield and composite What causes different types of earthquakes? (shallow and deep focus) What causes Tsunamis? How can technological developments mitigate (reduce the impact) of earthquakes? - Building design - Prediction - Early warning systems - Low-tech solutions using local knowledge **CASE STUDY of a tectonic hazard event – The Nepal Earthquake** Explore the causes, consequences and responses to Nepal earthquake of 2015	**Landscapes** What are the physical landscapes of the UK? (upland, lowland and glacial) Where are they distributed? What are their characteristics? (geology, climate and human activity) **River Processes and Landscapes** What geomorphic processes shape river landscapes? (Erosion, weathering, mass movement, transportation and deposition) How are different river landforms created? - Erosional landforms (waterfalls and v-shaped valleys) - Depositional Landforms (floodplains and levees) - Erosion and depositional landforms (meanders and ox-bow lakes) **CASE STUDY of a river basin The River Seven** - Landforms & processes - Influence of geology and climate on processes - How human activity and management approaches impact the landscape (river management strategies to reduce flooding and human activities that increase the risk of flooding) **Prep for Year 9 Mock Exams** - Topic 2 Dynamic Landscapes (Tectonic Hazards) - Topic 8 Resource Reliance	**Prep for Year 9 Mock Exams** - Topic 2 Dynamic Landscapes (Tectonic Hazards) - Topic 6 Resource Reliance **Year 9 Mock Exam Week** Topics 2 and 6 **The steps of geographical fieldwork** - The question - Techniques and methods - Processing and presenting - Analysing and explaining - Conclusions and summaries - Reflecting critically **River fieldwork skills (link back to Y7 fieldwork)** - Does Bradshaw's model apply to the river Camel? - Techniques t o measure width, depth, cross-sectional area. Velocity, sediment size - Processing and presenting this data - Analysing and explaining this data - Concluding - Reflecting critically	**Coastal Processes and Landscapes** What geomorphic processes shape coastal landscapes (Erosion, weathering, mass movement, transportation including longshore drift and deposition) How are different coastal landforms created? - Erosional landforms (headlands, caves, arches and stacks) - Depositional Landforms (beaches and spits) **CASE STUDY of a coastal landscape North Devon Coast near Westward Ho!** - Landforms & processes - Influence of geology and climate on processes - How human activity and management approaches impact the landscape (river management strategies to reduce flooding and human activities that increase the risk of flooding)
AO4 Geographical Skills	Extract, interpret, analyse: Bar Graphs (horizontal, vertical, divided) Choropleth Maps Line Graphs Photos and Cartoons Scatter graph + Line of best fit Atlas maps	Extract, interpret, analyse: Data tables Atlas Maps Draw divided bar graphs Draw conclusions from numerical data Percentages Analyse written articles	Describing distributions on maps Drawing sketch diagrams Interpreting GIS mapping of earthquakes Thematic maps Magnitude and frequency Pictures and diagrams Atlas maps	Interpret photos Interpreting Thematic Maps of the UK Choropleth Maps Interpret deconstruct and analyse diagrams and photos Analyse written text	All Stages of fieldwork enquiry Cross sections (river) Line graphs Scatter graphs and line of best fit Calculating velocity Interpret data tables Describe relationships Identify weaknesses in data and methods	Interpret deconstruct and analyse diagrams and photos Analyse written text
Assessments	A - Human Activity & Ecosystems (8 marks) B - Food Security (8 marks) C - Population & Food Security (12 marks)	D -Ethical Consumerism (9 marks) E - Resource Reliance End of Topic Test (13 marks)	F - Plate Tectonics (24 marks)	G- River Processes and Landforms Test (9 marks)	H – Year 9 Mock Exam Topics 2 and 6 (35 marks)	I – Coastal Landscapes Test (13 marks)
Home Learning Opportunities	Seneca & Google Quizzes Assessment Revision	Seneca & Google Quizzes Assessment Revision	Seneca & Google Quizzes Assessment Revision	Seneca & Google Quizzes Assessment Revision Y9 Trial Exam Revision	Seneca & Google Quizzes Assessment Revision	Seneca & Google Quizzes Assessment Revision