

# Geography: Learning Plan 2020-2022

Specification: AQA

Teacher A: Mr K Williams

Teacher B: Mrs C Raynes

Year 12						
Term	Teacher A			Teacher B		
	Exam Focus	Classroom Learning	Independent Learning	Exam Focus	Classroom Learning	Independent Learning
1	<b>Paper 1: Hazards</b>	<p>The concept of hazard in a geographical context:</p> <ul style="list-style-type: none"> <li>Hazard perception</li> <li>Characteristic human responses</li> <li>The Park Model</li> <li>The Hazard Management Cycle</li> </ul> <p>Plate tectonics:</p> <ul style="list-style-type: none"> <li>Earth Structure</li> <li>Tectonic Theory</li> <li>Processes and landforms at plate margins</li> </ul>	<ul style="list-style-type: none"> <li>Specialised Concepts 1</li> <li>Specialised concepts 2</li> <li>Response to Hazards</li> <li>Who cleans up after natural disasters?</li> <li>Why Ending Poverty Is The Key To Reducing Deaths From Disasters</li> <li>Lloyds City Risk Index</li> <li>Geological Slant on plates</li> <li>Journey to the centre of the earth</li> <li>Ocean Ridges and Rift Valleys</li> <li>The Himalayas and Pacific USA</li> <li>What's happening near Portugal?</li> <li>Hot spot theory</li> <li>USGS Hotspots</li> <li>Marianas trench</li> </ul>	Paper 1: Coastal Systems	<p>Water and carbon cycles as a natural system:</p> <ul style="list-style-type: none"> <li>Systems concepts</li> <li>Inputs</li> <li>Outputs</li> <li>Energy</li> <li>Stores/components</li> <li>Flows/transfers</li> <li>Positive/negative feedback</li> <li>Dynamic equilibrium</li> </ul> <p>The Water cycle:</p> <ul style="list-style-type: none"> <li>Major stores of water</li> <li>Processes driving change</li> <li>Drainage Basins</li> <li>Runoff variation</li> <li>Flood hydrographs</li> <li>Changes in water cycle over time</li> </ul>	<ul style="list-style-type: none"> <li>RGS Water and Carbon Cycling</li> <li>Notes on the water cycle</li> <li>What is cryospheric water</li> <li>Impacts of the melting cryosphere</li> <li>The Drainage basin</li> <li>How does the water cycle change over time?</li> <li>The changing water cycle</li> <li>Human impacts on the water cycle</li> <li>Global water stores and changes in magnitude</li> <li>Drainage Basins as open systems</li> <li>Runoff, hydrographs and changes in WC over time</li> </ul>
2		<p>Volcanic hazards:</p> <ul style="list-style-type: none"> <li>Forms</li> <li>Events; distribution, magnitude, predictability, preparation.</li> <li>Impact and response to two recent volcanic events (Eyjafjallajökull and Nevado Del Ruiz)</li> </ul> <p>Seismic Hazards:</p> <ul style="list-style-type: none"> <li>Types</li> <li>Distribution</li> <li>Predictability</li> <li>Impacts</li> <li>Response</li> <li>Preparation and Mitigation.</li> <li>Haiti 2010 and Japan 2011 (multi-hazardous environments)</li> </ul>	<ul style="list-style-type: none"> <li>Laki Volcano</li> <li>Most destructive Volcanoes in History</li> <li>Volcanic Eruptions</li> <li>Top 10 Deadliest Eruptions</li> <li>What is the most dangerous hazard?</li> <li>New Automated Volcano Warning System</li> <li>Why are some volcanoes more hazardous than others?</li> <li>Why are volcanoes rarely big killers?</li> <li>Mitigation of volcanic risk</li> <li>Montserrat</li> <li>Mt St. Helens case study</li> <li>Eyjafjallajökull 2010</li> <li>Iceland 2010</li> <li>Super Volcanoes</li> <li>Boxing Day Tsunami Park Model</li> <li>Tsunamis geofile</li> <li>Earthquakes: Why do some places suffer more than others?</li> <li>Can you earthquake proof a city?</li> <li>How Chile survived unscathed</li> <li>New Zealand</li> <li>Nepal Earthquake</li> <li>Haiti 5 year progress report</li> <li>Haiti 2010</li> <li>Haiti vulnerability</li> <li>Haiti cholera epidemic</li> <li>Haiti multi-hazardous</li> <li>Lessons from the Haiti earthquake</li> <li>Japan 2011 special report</li> <li>Japan and Haiti compared</li> <li>Japan sea walls</li> <li>Fukushima Disaster</li> </ul>		Paper 1: Water and Carbon Cycles	<p>The Carbon Cycle</p> <ul style="list-style-type: none"> <li>Global distribution of major stores</li> <li>Factors driving change inc:                             <ul style="list-style-type: none"> <li>Flows and transfers</li> <li>Photosynthesis</li> <li>Respiration</li> <li>Decomposition</li> <li>Combustion</li> <li>Sequestration</li> <li>Weathering</li> </ul> </li> <li>Natural changes to cycle over time</li> <li>Human changes over time</li> <li>The Carbon budget</li> <li>Water, Carbon, Climate and life on Earth</li> <li>The key role of the water carbon and water stores</li> <li>How water and carbon effect climate</li> <li>The relationship between carbon and water cycle</li> <li>The role of feedbacks</li> <li>Link to climate change</li> <li>Human interventions</li> </ul>

			<ul style="list-style-type: none"> <li>Voices from Haiti to Japan</li> </ul>			
3		<p>Storm hazards:</p> <ul style="list-style-type: none"> <li>Characteristics and formation.</li> <li>Form, distribution and predictability.</li> <li>Impacts and response of two tropical storms (Katrina 2005 and Nargis 2008). New Orleans as the local scale case study</li> </ul> <p>Wildfires:</p> <ul style="list-style-type: none"> <li>Nature</li> <li>Favourable conditions/causes</li> <li>Impacts</li> <li>Response/Management</li> <li>Mitigation</li> <li>Case Study: Alberta 2016</li> </ul>	<ul style="list-style-type: none"> <li>Atlantic Hurricanes are getting worse</li> <li>Hurricanes: a predictable hazard?</li> <li>Superstorm Sandy</li> <li>Hurricane Matthew multi-hazardous</li> <li>Hurricane Matthew Report</li> <li>Bushfire resource book</li> <li>Hazard Hotspots</li> <li>Alberta Wildfire</li> <li>California Wildfire review</li> <li>California Wildfires Red Cross</li> </ul>		<p>Case Studies:</p> <ul style="list-style-type: none"> <li>Case study of the Amazon Rainforest</li> <li>Analyse key themes in water and carbon cycles and their relationship to environmental change and human activity</li> <li>Case study of the River Exe (river at local scale)</li> <li>Illustrate and analyse the key themes above, engage with field data and consider the impact of precipitation upon drainage basin stores and transfers and implications for sustainable water supply and/or flooding</li> </ul>	<ul style="list-style-type: none"> <li>Amazon Rainforest</li> <li>The vital links between the Amazon rainforest and global warming</li> <li>Rivers in the sky</li> <li>TRF case study notes</li> <li>6 ways Brazil is saving the rainforest</li> <li>Amazon Rainforest Fires</li> <li>Amazon Carbon Soils</li> <li>How Amazon loss may effect water and carbon far away</li> <li>Exmoor Mires project</li> <li>Exmoor and climate change</li> </ul>
4	<b>Paper 2: Changing Places</b>	<p>The nature and importance of places:</p> <ul style="list-style-type: none"> <li>The concept of place</li> <li>Insider and outsider perspectives</li> <li>Categories of place</li> <li>Character of Places</li> </ul> <p>Changing Characteristics of place influenced by:</p> <ul style="list-style-type: none"> <li>Flows of people</li> <li>Resources</li> <li>Money and Investment</li> <li>Government Policy</li> <li>International Institutions</li> </ul> <p>Representation of place:</p> <ul style="list-style-type: none"> <li>Media representations</li> <li>Qualitative and Quantitative representation</li> <li>Attachment to place</li> <li>Creation of place-meaning</li> <li>Past and present processes of development.</li> </ul>	<ul style="list-style-type: none"> <li>Why is it so difficult to define what makes a great place?</li> <li>Placemaking</li> <li>Place Creswell 2009</li> <li>The Geography of Women's fear</li> <li>Topic Eye: Changing cities</li> <li>New York Global City</li> <li>London Inequality</li> <li>A new council in London</li> <li>Does Immigration Really Harm Cultural Identity?</li> <li>Is this the UK's most gentrified road?</li> <li>What the Aylesbury estate ruling means for the future of regeneration</li> <li>Changing Places RGS Overview</li> </ul>		<p>Coasts as a natural system:</p> <ul style="list-style-type: none"> <li>Systems in physical geography</li> <li>Inputs, outputs, energy, stores, components, flows, transfers, positive and negative feedback, dynamic equilibrium</li> <li>Landforms and landscapes Systems and processes</li> <li>Sources of energy in coastal environments</li> <li>Low energy and high energy coasts</li> <li>Sediment sources, cells and budgets</li> <li>Geomorphological processes</li> <li>Distinctly coastal processes</li> </ul>	<ul style="list-style-type: none"> <li>Coastal Systems</li> <li>Landforms of coastal erosion</li> <li>Coastal Deposition</li> <li>Recent UK cliff falls</li> </ul>
5		<p>Place studies:</p> <ul style="list-style-type: none"> <li>How has the demographic, lived experience and economy of Trowbridge changed?</li> <li>How has the demographic, lived experience and economy of</li> </ul>	<ul style="list-style-type: none"> <li>Local History Trowbridge</li> <li>Trowbridge Local Context</li> <li>2012 Olympics</li> <li>Stratford Guide</li> </ul>		<p>Coastal Landscape development:</p> <ul style="list-style-type: none"> <li>Origin and development of landforms and landscapes from erosion</li> <li>Origin and development of landforms and</li> </ul>	<ul style="list-style-type: none"> <li>Emergent and submergent coastlines</li> <li>Managing coastal erosion</li> <li>Management schemes</li> </ul>

	<b>Paper 2: Global Systems and Global Governance</b>	Stratford changed?			landscapes from deposition <ul style="list-style-type: none"> <li>• Estuaries, mudflats and saltmarsh environment</li> <li>• Sea level changes</li> <li>• Coastline emergence and submergence with associated landforms</li> <li>• Recent and predicted climatic change and potential impact</li> <li>• The relationship between process, time, landscapes in coastal settings</li> </ul>	
6		<p>Globalisation:</p> <ul style="list-style-type: none"> <li>• Dimensions</li> <li>• Factors</li> </ul> <p>Global systems:</p> <ul style="list-style-type: none"> <li>• Forms and nature of interdependence</li> <li>• Issues of Interdependence</li> </ul> <p>International Trade:</p> <ul style="list-style-type: none"> <li>• Global trends in volume and pattern of trade</li> <li>• Global trading relationships</li> <li>• Nature and role of TNCs</li> <li>• Coca-Cola case study</li> <li>• World trade of food commodity case study</li> <li>• Consequences of global systems</li> </ul>	<ul style="list-style-type: none"> <li>• What is globalisation?</li> <li>• What a Korean boy band can teach us about globalisation.</li> <li>• Visualising containers</li> <li>• The simple steel box that transformed the world.</li> <li>• Containerisation is it an unsung hero of globalisation?</li> <li>• #52 Globalisation dimensions &amp; factors CS</li> <li>• #53 Global systems interdependence forms &amp; issues CS</li> <li>• Globalisation Mini case studies</li> <li>• Globalisation India</li> <li>• #54 International trade patterns &amp; trading relationships CS</li> <li>• #55 TNCs nature role and impact CS</li> <li>• #56 World trade and its impacts on people's lives CS</li> <li>• TNCs and Energy Production</li> <li>• Superpowers Geographies</li> <li>• Globalisation new world order</li> </ul>			

Year 13						
Term	Teacher A			Teacher B		
	Exam Focus	Classroom Learning	Independent Learning	Exam Focus	Classroom Learning	Independent Learning
1	<b>Paper 2: Global systems and Global Governance</b>	<p>Global governance:</p> <ul style="list-style-type: none"> <li>• Role of norms, laws and institutions</li> <li>• Issues of global governance</li> <li>• The global commons</li> </ul> <p>Antarctica:</p> <ul style="list-style-type: none"> <li>• Physical Geography</li> <li>• Threats</li> <li>• Protection</li> <li>• Consequences of global governance</li> </ul> <p>Globalisation Critique:</p> <ul style="list-style-type: none"> <li>• Costs vs benefits</li> </ul>	<ul style="list-style-type: none"> <li>• The prosperity of countries</li> <li>• The challenge of globalisation</li> <li>• Can anyone own the moon?</li> <li>• GSGG Klaus Dodds</li> <li>• Global governance Klaus Dodds</li> <li>• BAS Treaty</li> <li>• BAS Research Station</li> <li>• BAS Ozone Hole</li> <li>• BAS Historic Exploration</li> <li>• BAS Penguins</li> <li>• #57 Global governance, structures and issues CS</li> <li>• #58 The global commons concepts, threats &amp; management CS</li> <li>• #59 Globalisation critique</li> </ul>			
2	<b>Paper 2: Population</b>	Population Parameters:	<ul style="list-style-type: none"> <li>• Ageing Populations UK</li> <li>• Ageing Populations Japan</li> </ul>			

	<p><b>and the environment</b></p>	<ul style="list-style-type: none"> <li>• Distribution, density, numbers, change</li> </ul> <p>Environment and population:</p> <ul style="list-style-type: none"> <li>• Patterns of food production and consumption</li> <li>• Agricultural systems and productivity</li> <li>• Physical variables e.g. climate and soil</li> <li>• Characteristics and distribution of monsoon and polar tundra</li> <li>• Characteristics and distribution of latosol and podsol.</li> <li>• Issues and managing of soils</li> <li>• Food issues</li> </ul> <p>Environment, health and well-being:</p> <ul style="list-style-type: none"> <li>• Global patterns of health, mortality and morbidity.</li> <li>• Epidemiological transition.</li> <li>• Environment and disease.</li> <li>• Impact, management and distribution of a communicable disease (malaria)</li> <li>• Impact, management and distribution of a non-communicable disease (asthma)</li> <li>• International agencies and NGOs combatting disease.</li> </ul>	<ul style="list-style-type: none"> <li>• Demographic and Development</li> <li>• MDG 2015 Report</li> <li>• Soil degradation a creeping concern.</li> <li>• Feast or Famine</li> <li>• Food Geopolitics</li> <li>• DTM Geoactive</li> <li>• What are the SDGs?</li> <li>• Population Bomb</li> <li>• Population and Health</li> </ul>			
3		<p>Population Change:</p> <ul style="list-style-type: none"> <li>• Factors</li> <li>• The DTM</li> <li>• Pyramids</li> <li>• Demographic Dividend</li> <li>• Vital rates</li> <li>• Cultural controls</li> </ul>	<ul style="list-style-type: none"> <li>• The new global health?</li> <li>• Danny Dorling Interview</li> <li>• The effect of globalisation on population movements</li> </ul>			

		<ul style="list-style-type: none"> <li>• Causes and impacts of migration at a variety of scales</li> </ul> <p>Population ecology:</p> <ul style="list-style-type: none"> <li>• Growth dynamics</li> <li>• Balancing growth and resources</li> </ul> <p>Global population futures:</p> <ul style="list-style-type: none"> <li>• Health impacts of environmental change.</li> <li>• Projected distribution of growth rates.</li> </ul> <p>Caste studies:</p> <ul style="list-style-type: none"> <li>• Iran's population change</li> <li>• Lincoln's relationship between place and health</li> </ul>	<ul style="list-style-type: none"> <li>• Poland to UK</li> <li>• Too many men article</li> <li>• Why life expectancy is falling</li> <li>• World Bank Ebola</li> <li>• Inequality a real risk to our planet</li> <li>• Peak Inequality</li> <li>• Inequality and the 1%</li> <li>• WHO report</li> <li>• Factfulness Excerpt</li> </ul>			
4						
5						