



St George's School
Humanities Faculty

Year 8 Curriculum Map for GEOGRAPHY

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1&2
THE BIG IDEAS & KNOWLEDGE <i>Overview of topics or key questions</i>	Weather Distinguish between weather and climate Describe and explain the microclimate of the school Explain factors influencing UK climate Explain depressions and anticyclones Extreme weather and the impact of a hurricane	Energy Resources UK energy mix Fossil fuel production Benefits and problems of renewable and non renewable energy Issues with oil, nuclear, HEP, wind and fracking UK energy future	Population Population indicators Density and distribution Growth over time Managing populations Youthful population Ageing population Migration	Extreme Environments Locate and describe the characteristics of extreme environments Focus on deserts Describe and explain the climate of deserts Explain plant and animal adaptations in the desert Assess the impacts of desertification	Coasts Characteristics of waves Erosional processes and landforms Transportational processes Depositional processes and landforms Coastal management
SKILLS & STRATEGIES <i>Procedural knowledge, literacy and numeracy skills</i>	Interpreting weather maps and synoptic charts Explaining and applying factors influencing the climate Decision making exercise Categorise cause, effect and responses Planning fieldwork and the route to enquiry	Describing geographical locations Analysing strengths and weaknesses Classifying resources Evaluation Application of knowledge to the UK energy mix	Definitions of key indicators like BR, DR, IMR Categorising information Analysing choropleth maps Evaluation of case studies of Russia and India	Map work Draw and interpret climate graphs Applying knowledge and making connections Problem solving and decision making	Use key terms to explain how waves shape the coast Photo annotation Map skills Describe and explain landforms Cost benefit analysis and case study of coastal management Cartographic skills

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FEEDBACK <i>Noteworthy tasks and assessments</i>	<ul style="list-style-type: none"> Knowledge check Written midpoint task on factors affecting climate End of topic assessment covering knowledge, skills and application 	<ul style="list-style-type: none"> Knowledge check Written midpoint task on an energy type End of topic assessment covering knowledge, skills and presentation on energy futures 	<ul style="list-style-type: none"> Knowledge check Written midpoint task on managing populations End of topic assessment covering knowledge, skills and application 	<ul style="list-style-type: none"> Knowledge check Written midpoint task on adaptations End of topic assessment covering knowledge, skills and application 	<ul style="list-style-type: none"> Knowledge check Written midpoint task on formation of landforms End of topic assessment covering knowledge, skills and application
BREADTH <i>Opportunities, trips, wider reading, cultural capital</i>	Microclimate fieldwork around school site Cloudspotter's guide by Gavin Preto-Pinney Watch Richard Hammond's Wild Weather	The burning question by Mike Berners-Lee An inconvenient truth Al Gore documentary	The Lightless Sky by Gulwaliu Passarlay Don't Panic - The facts about population Hans Rosling documentary	Virtual fieldwork on Google Earth Visit Kew Gardens or the Eden Project Read Horrible Geography: Desperate Deserts	BBC Coasts series Trip to the seaside
KEY VOCABULARY <i>Important words and phrases</i>	Weather and climate Latitude Air masses High and low pressure Prevailing wind Depression Anticyclone Extreme weather	Sustainability Resources Fossil fuel Greenhouse gases Renewable and non renewable HEP Nuclear Fracking	Birth Rate Death Rate Infant Mortality Life expectancy Sparse and dense Push and pull factors Migration	Tropics Equator Adaptation Desertification Sustainable management Great Green Wall	Fetch, Swash, Backwash, constructive wave, destructive wave Hydraulic action, abrasion, attrition, solution Longshore drift Transportation Deposition, salt marsh, spit Hard engineering Soft engineering