Scheme of Learning: KS3 – Year 7						
Topi	c Sequence:		-0/I	IAME		
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1	Geography of me	Wild weather and climate change	00	Energy and resou	urces	
Top	ic Overview:				TANK T	
This topic is the final for year 7 Geographers. From the previous topics studied, they have a better understanding of where they live and issues and changes in the local area. They have also been introduced to global climate issues including climate change, tropical storms and other extreme weather events. The aim of this topic involves investigating some of the issues surrounding the supply and use of different natural resources (e.g. energy, food, water and minerals). Linked to their understanding of the greenhouse effect and global warming (unit 2), they will be able to appreciate some of the issues surrounding the use of fossil fuels and gain an appreciation for the need to make the switch from non-renewable to renewable energy sources. In addition to energy, they will also look at the challenges of providing food and water to a growing world population and investigating how the misuse of some of the world's natural resources is causing many challenges. Throughout the unit we will readdress the importance of sustainability and the need to conserve and protect our planet for future generations.						
Less	on Sequence:		AvstolA			
To begin this unit, we will be looking at identifying some of the world non-renewable resources and some of the advantages and disadvantages of using fossil fuels to generate electricity. This will lead us on to investigate the Trans-Alaskan pipeline, an example that we return to as part of the AQA GCSE. We will start to evaluate some of the opportunities and challenges of extracting oil and how it creates economic benefits, but at a cost to the environment. We will also introduce the concept of different stakeholders and how they have differing and conflicting views on the oil industry. Next the students will be introduced to the differences between non-renewable and renewable energy sources. We will start to identify the different examples and evaluate their advantages and disadvantages, linking to prior knowledge such as global warming. Following on from this, we will start to debate future energy alternatives and make decisions on the sustainability of biofuels and hydroelectric power.  Next we will focus on the next essential natural resource, which is water. We will look at the global distribution of water and consider where in the world is experiencing a water crisis and the physical and economic reasons for water shortages. Next we will link this understanding to South African water crisis, investigating the causes and impacts of water shortages. We will next look at the strategies that have increased or decreased supplies of water and make decisions on the best way to help South Africa. To end the water section, we look at the impacts of overextraction of water in Fiji and how this impacts people, the economy and the environment. Following the topic of how resources are misused, we then consider how the modern world, based on consumerism, is having a massive influence on the amount of e-waste that is being produced. We finally evaluate the need to dump this topic waste in less developed countries such as Ghana.  Food is the next natural resource that we study. To begin we look at the causes, impacts an						
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Sem	uence of Lessons:	nce of Lessons:  Topic Resources:				
1	Fossil fuels	Vnowledge	77 /	Any other Any	ather recourses	
2	Trans Alaskan Pipeline	Knowledge Map:	nergy and resources		other resources ded should be here	
3	Renewable and non-renewable energy	Accoccment.				
4	Biofuels	Assessment:	3			
5	3 Gorges dam	Knowledge:	30 guestion kr	30 question knowledge test		
6	Water crisis					
7	South Africa Day Zero	7	-			
8	Fiji Water	Application of Knowledge:	6 mark questi	6 mark question on application		
9	E-Waste					
10	Food Miles	Supportive Rea	ading:			
11	Meeting future food demands	- Capporato no	<u> </u>	nationalgeographic.co	m/science/article/p	
12	Living sustainably	Any supported	artner-conten	t-south-africa-danger-		
13	Living sustainably	reading listed	water water	https://borgenproject.org/tag/water-shortage-in-fiji/		
14	Easter Island	770	https://borge			
15	Coltan	- THE STATE OF THE				
16	Revision	Ad hereit	https://thecor	nversation.com/what-	coltan-mining-in-	
17	Assessment	The state of the s	the-drc-costs-	people-and-the-enviro	onment-	
18		1 1 1 1		xt=Coltan%20mining%3 20now%20estimated%		
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