_					Key processes			
Geolog	y – Knowledge	organise	aniser Week 1			The weakening and loosening of rock in- situ by Biological (plants and animals).		
Week 2 ^{Erosion}	al key words and definitions	You will learn about the three types of rocks, how rocks are weathered and move, and how rock type influences landscapes and the importance of			Weathering	Chemical (water dissolving calcium carbonate) or Mechanical (freeze-thaw)		
Minerals	A natural compound in rock: rock is a mixture of different minerals					The breaking up and removal of rock by geological agents (rivers, glaciers, wind		
	The shape of a bone, shell, or a plant or animal that has been preserved in tock	soil	·	·	Erosion	and waves).		
Fossil	for a very long period of time.	Rocks are made of grains that fit together. Each grain in the rock is made from a mineral, which is a chemical compound. The grains in a rock can be different colours sizes and shapes.Week 4Sedimentary may contain Igneous rocks have randomly arranged interlocking crystalsSedimentary may contain trapped with the layers of the rocks.			Transport	Rocks and sediment is moved by the action of the geological agents (rivers, glaciers, wind and waves). Rock and sediment is dropped the Geological agents loose energy rivers,		
Sedimentary rock	of sediments. Examples include limestone Chalk, shale and mudstone				· ·			
Metamorphic rock	Formed when rock is changed through the action of hear and/or pressure, without melting. Examples Slate (from shale)/ Marble (from limestone)				-Metamorphic rock	glaciers, wind and waves).		
Igneous Rock	Formed by cooling molten magma. Examples Obsidian, Basalt, Granite				En Con	Weathering		
Magma	Meted rock below the earths surface		Extrusive	Intrusive	E S	and erosion		
Lava	Molten rock below the earths surface	Where the Magma Cooled	On the surface	Underground		Transport and the surface deposition		
Impermeable	Does not allow water to soak through. Made of interlocking grains	How fast the Magma cooled	Quickly	Slowly	Igneous rock	Sedimentation		
	Allows water to soak through. Made of	Size of crystals	Small	Large	Crystallization of magma	Compaction and cementation		
Permeable	round grains with gaps.	Examples Obsidian and Basalt Granite and Gabbro		Magma	Sedimentary rock			
organic material on the immediate surface of the Earth that serves as a		Further research:			Melting	Burial, high temperatures and pressures		
Soil Week 3	natural medium for the growth of land plants.	https://www.youtube.com/watch?v=Vp_S3BDiR-I https://www.bbc.co.uk/bitesize/guides/z8jcfrd/revision/1			Magma from molten curst and mantle			

Key words and definitions Week 2		European 45°	E E	75° E ©GraphicMaps.com	When describing the location you			
Arab spring The Arab Spring was a series of pro-democracy uprisings that enveloped several largely		EUROPE	60° E Ka	uzakhstan Russia 90° E NORTH ASIA	need to include the following Continent 			
	Muslim countries, including	45° N	Ardi		Region			
	Tunisia, Morocco, Syria, Libya, Egypt and Bahrain	Black Sea	Georgia State	Uzbekista Kyrgyzstan China	• Country			
Resources A resource is any physical material constituting part of		Turkey	Arménia Azerbaijan Turkm	enistan Tajikistan	 Nearby human/physical features 			
		Cyprus	Syria Iran	Jun man	Compass directions			
	value	Mediterranean Sea Israel	Iraq AS	Afghanistan / India	Week 3			
Conflict	a serious disagreement or	30° N	EAS	ST 2	·			
	argument, typically	Egypt	Jordan Gulf of Kuwait	Pakistan 75° E				
Torrorism	a protracted one	Libya of Suez	Bahrain-Per	stan				
Terrorisin	and intimidation, especially	TROPIC OF CANCER	Saudi (Inita	Gulf of	Middle east			
	against civilians, in the pursuit of		Arabia Arab Emirat	es Oman Onian	knowledge organiser			
	political aims.		Sea	Arabian Sea	Knowledge organiser			
Displaced	a person who is forced to leave	Sudan	Eritrea					
person/refugee	war or persecution: a refugee.		my					
	that of persecution, of chagee.		Dihorit Complia	Indian Ocean	Week 4			
Week 1		50 E	Somatia	Key words and de	finitions			
Climate zones	Climate zones are areas with distinct climates. These zones might correspond to weather patterns, latitude, or communities of plants and animals.		OPEC	is group of 13 oil-exporting countries, founded in 1960.				
				countries account for 40% of	% of oil production.			
			Barrel of Oil	ls 160L				
Mediterranean	a climate distinguished by warm, wet winters under prevailing westerly winds and calm, hot, dry summers, as is characteristic of the Mediterranean region		UK oil reserves	Measure of the impact of an activity on the environment				
			Social	The study of people and their environment Studies how humans make and create money				
			Economic					
			Environmental	Interactions between humans and the natural world Sustainability is the practice of using natural resources				
Somiarid	means "somewhat dry". Semiarid climate is found around the edges of Arid climate		Sustainability	responsibly, so they can support both present and future				
Jernariu				generations				
			Shia	Make up aproximatly 20% of the Muslim population across the				
Desert	an area the receives less than 250mm of rainfall per year			world				
			Sunni	world				
				wonu				

Key words and definitions		Natural Resources knowledge				The sources of U	The sources of UK energy have changed dramatically			
Natural Resources	Natural resources are materials from the earth that are used to support life and meet peoples need. E.g. Oil, Metals, Stone	organiser UK Electricity Generation 2009			of gas. This is an The renewable se	over the past 10 years. There has been a 10% reduction in the use of coal. Alongside this a 16% drop in the use of gas. This is an overall fall of 26% for fossil fuels. The renewable sector has grown by 25% to make up for				
Surplus	Having more of a resource than is needed. Supply is greater than demand.				the reduction in the use of fossil fuels. The reasons for this change is because of increasing costs and limited availability of fossil fuels. Alongside a growing lobby of environmentalism with people being more aware and					
Deficit	Not having enough of a resource. Demand is greater than Supply.			32%		active in reducing energy sources.	g the levels of CO2 r	eleased from Week 3		
Security	Describes how reliable an access is to a source of a resource E.g. Energy					Gas	Rene	wables		
Sustainable	Meets the needs of the present without compromising the		9 -		_	Nuclear	Oil	sources		
	ability of future generations to	1%-		120/	- F	Key	words and definition	ons		
Week 1		2% 6% ^{13%} Ho			Flow lines	of goods/products. They are proportional		NS		
	Week 2	7	2020		1	Food Miles	The distance the	e food has trave ate.	lled	
Fossil Fuels	Resources made from decomposing plants and	29%		22%	(Carbon footprint	Measure of the activity on the e	impact of an nvironment		
	animals. Often burned for energy.				1	Biosphere	All living organis	sms that can be a/planet		
Renewable	Cannot be depleted/run out, may have the ability to			8	3%	Hydrosphere	All water that ca area/planet	an be found in a	n	
Non- renewable	Can be depleted or run out	1%			1	Lithosphere	The solid outer including the br of the mantle ar	part of the Earth ittle upper porti nd crust	า ion	
Development	The progress of a country in improving itself	9%		31%		Dense	Something bein close together	g tightly packed	or	
Ecotourism	The practice of tourism that has the minimal impact on the natural world	Describe the generation	changes between Week 4	2009 and 2020 end	ergy 🤅	Sparse	Something being spread apart	g loosely packed Week 5&6	l or	