


Why can England learn about sustainability from Europe? Knowledge Organiser - Year 3 Summer 2					
Vocabulary		The 3 R's		How can we be sustainable?	
carbon emission	The release of carbon into the atmosphere which contributes to global warming and climate change.	<div>1. REDUCE</div> <div>2. REUSE</div> <div>3. RECYCLE</div> 		Recycle materials that can be used again (e.g., plastic).	
sustainability	Using resources responsibly today, so they are available for future generations.			Reduce the amount of energy we use.	
environmentally friendly	Not harmful to the environment.			Reuse items to avoid going into landfill (e.g., old clothes).	
renewable	Renewable resources are things that can be used over and over again because they never run out e.g., sunlight, wind, water.	Frieberg, Germany		Reuse leftover food rather than throwing away.	
		1970 – set itself the goal of becoming a sustainable city.		Buy local products.	
		Football stadium has solar panels on its roof.		Buy products in little packaging.	
solar energy	The light and heat from the sun that we can use as a source of power.	Has a biogas digester which processes food and garden waste to produce energy for thousands of homes rather than using coal or oil.		Save water where possible.	
How is the UK trying to improve the environment?		People are rewarded for being sustainable.		Protect wildlife by keeping our local environment tidy.	
End sale of petrol and diesel cars by 2040 to help make air cleaner.		Many people use the tram system, and the city has made parking very expensive to encourage people to use the tram.		How Long to Decompose?	
Plant more trees and increase amount of woodland.		There's been a tree planting project. Over 44,000 trees have been planted and 43% of the city is covered by forest.		Paper	2-3 weeks
Protect marine life in oceans.		There are many places where the community can grow their own fruits and vegetables.		Orange Peel	6 months
Use resources from nature more efficiently.		Northamptonshire goals for more sustainable living		Plastic Bag	20 years
Make sure there are high quality natural spaces close to where people live and work.		Protect the countryside and open spaces.		Tin Can	100 years
		Encourage reusing to keep our environments free from litter.			
Reduce plastic waste and pollution.		Promote sustainable active travel.		Plastic bottle	500 years
		More EV (electric vehicle) charging points.		Glass Bottle	1-2 million years