

Challenges in the human environment	RAG Rating		
<b>Section C: The challenge of resource management</b>	<b>R</b>	<b>A</b>	<b>G</b>
<b>Resource management</b>			
<b>Key Idea : Food, water and energy are fundamental to human development</b>			
I can <b>explain</b> the importance of food, water and energy to economic and social well-being			
I can describe the global inequalities in the supply and consumption of resources			
<b>Key Idea 2: The changing demand and provision of resources in the UK creates opportunities and challenges</b>			
I can use the <b>example of the UK</b> to <b>describe</b> and <b>explain</b> :			
<b>i) Food</b>			
The growing demand for high value food exports from LICs and all year round demand for seasonal food and organic produce			
The larger carbon footprints due to the increasing number of 'food miles' travelled and moves towards local sourcing of food			
The trend towards agribusiness			
<b>ii) Water</b>			
The changing demand for water			
Water quality and pollution management			
Matching supply and demand - areas of deficit and surplus			
The need for transfer to maintain supplies			
<b>iii) Energy</b>			
The changing energy mix - reliance on fossil fuels, growing significance of renewables			
Reduced domestic supplies of coal, gas and oil			
Economic and environmental issues associated with the exploitation of energy sources			
<b>Option: Water</b>			
<b>Key Idea 3: Demand for water resources is rising globally but supply can be insecure, which may lead to conflict</b>			
I <b>know</b> and can <b>describe</b> global patterns of water surplus and deficit			
I can <b>explain</b> reasons for increasing water consumption: economic development and rising population			
I can <b>explain</b> a range of factors affecting water availability			
I can <b>identify</b> and <b>explain</b> the impacts of water insecurity			
<b>Key Idea 4: Different strategies can be used to increase water supply</b>			
I <b>understand</b> ways water supply can be increased			
I can <b>use</b> an <b>example</b> of a water transfer scheme to show: how development has both advantages and disadvantages			
I <b>know how</b> water conservation, groundwater management and recycling 'grey' water can be more sustainable			
I can <b>use</b> an <b>example</b> of an <b>LIC</b> to illustrate a sustainable water supply			