

## The challenge of resource management

	Covered in class?				Revision undertaken
I can describe the importance of <b>food, water</b> and <b>energy</b> to economic and social wellbeing.					
I can describe the distribution of <b>resources</b> around world.					
I can explain why <b>resources</b> are unevenly distributed around the world.					
<b>Resource management: core content</b>					
I can explain the <b>changing demand</b> for different foods in the UK.					
I can explain why <b>carbon footprints are increasing</b> with relation to increasing food miles.					
I can explain why people are moving towards <b>locally sourced food</b> .					
I can describe the different industries involved in agriculture ( <b>agribusiness</b> ) and explain how and why they are changing in the UK.					
I can explain the changing <b>demand</b> for water in the UK.					
I can describe the problems with <b>water quality</b> and <b>pollution</b> in the UK and how they can be <b>managed</b> .					
I can explain how the UK is trying to manage water to meet <b>supply</b> and <b>demand</b> .					
I can explain how and why water is <b>transferred from areas of surplus to deficit</b> in the UK.					
I can describe the UK's <b>energy mix</b> and how it has changed over time.					
I can explain how the UK can reduce its reliance on <b>fossil fuels</b> .					
I can describe and explain the <b>economic and environmental issues</b> with exploitation of energy sources.					
<b>Resource management option: Energy</b>					
I can describe global <b>energy consumption</b> and <b>supply</b> .					
I can explain reasons for <b>increasing energy consumption</b> , including: <ul style="list-style-type: none"> <li>• Economic development</li> <li>• Rising population</li> <li>• Technology</li> </ul>					
I can explain the <b>factors that affect energy supply</b> , such as; <ul style="list-style-type: none"> <li>• Physical factors</li> <li>• Costs of exploitation and production</li> <li>• Technology</li> <li>• Political factors</li> </ul>					
I can explain <b>impacts of energy insecurity</b> , including: <ul style="list-style-type: none"> <li>• Exploration of difficult and sensitive areas</li> <li>• Economic and environmental costs</li> <li>• Food production</li> <li>• Industrial output</li> <li>• Potential for conflict where demand exceeds supply</li> </ul>					
I can describe the strategies to <b>increase energy supply</b> . (renewable and non-renewable sources of energy)					
I can use <b>Fracking</b> as an example to show the <b>advantages and disadvantages</b> of extracting a <b>fossil fuel</b> .					
I can explain how energy supply can be made more <b>sustainable</b> , including: <ul style="list-style-type: none"> <li>• Individual energy use and carbon footprint</li> <li>• Energy conservation</li> <li>• Demand reduction</li> <li>• Use of technology to increase efficiency in use of fossil fuels</li> </ul>					
I can explain an example of a <b>local renewable energy scheme (Rice Husks)</b> to provide a <b>sustainable source of energy in a LIC or NEE (Bihar, India)</b> .					

