**The challenge of resource management**

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|  | Covered in class? | http://images.clipartof.com/thumbnails/70561-Royalty-Free-RF-Clipart-Illustration-Of-A-Digital-Collage-Of-Nine-Black-And-White-Faces.jpg | http://images.clipartof.com/thumbnails/70561-Royalty-Free-RF-Clipart-Illustration-Of-A-Digital-Collage-Of-Nine-Black-And-White-Faces.jpg | http://images.clipartof.com/thumbnails/70561-Royalty-Free-RF-Clipart-Illustration-Of-A-Digital-Collage-Of-Nine-Black-And-White-Faces.jpg | Revision undertaken |
| I can describe the importance of **food**, **water** and **energy** to the economic and social wellbeing. |  |  |  |  |  |
| I can describe the distribution of **resource**s around world. |  |  |  |  |  |
| I can explain why **resources** are unevenly distributed around the world.  |  |  |  |  |  |
| Resource management core content |  |  |  |  |  |
| I can describe the distribution of **resources** around the UK. |  |  |  |  |  |
| I can explain the **changing demand** for different foods in the UK. |  |  |  |  |  |
| I can explain why **food miles** are increasing in the UK. |  |  |  |  |  |
| I can explain how **food miles** can be reduced in the UK. |  |  |  |  |  |
| I can describe the different industries involved in agriculture (**agribusiness**) and explain how they are changing in the UK. |  |  |  |  |  |
| I can explain the changing **demand** for water in the UK. |  |  |  |  |  |
| I can describe the problems with **water quality** and **pollution** in the UK and how they can be managed. |  |  |  |  |  |
| I can explain how the UK is trying to manage water to meet **supply** and **demand**. |  |  |  |  |  |
| I can describe the UKs **energy mix** and how it has changed over time.  |  |  |  |  |  |
| I can explain how the UK can reduce its reliance on **fossil fuels**.  |  |  |  |  |  |
| I can describe and explain the economic and environmental issues with exploitation of energy sources.  |  |  |  |  |  |
| Resource management option: WATER (QUESTION 5) |  |  |  |  |  |
| I can describe the global distribution of water resources both **surplus** (security) and **deficit** (insecurity) |  |  |  |  |  |
| I can explain the global distribution of Water consumption |  |  |  |  |  |
| I can explain the reasons for increasing water consumption including: * Economic development
* Rising population
* Technology
 |  |  |  |  |  |
| I can explain the factors affecting water supply including:* Physical factors including Geology and Climate
* Poverty
* Pollution and Limited Infrastructure
* Over-Abstraction
 |  |  |  |  |  |
| I can analyse the impacts of water insecurity including: * Waterborne disease and water pollution
* Food Production
* Industrial output
* Potential for conflict where demand exceeds supply.
 |  |  |  |  |  |
| I can outline strategies to increase water supply including: * Diverting supplies and increasing storage
* Dams and Reservoirs
* Water Transfer – Including an example (Lesotho) of a large scale project (Advantages and disadvantages).
* Desalination
 |  |  |  |  |  |
| I can explain how water resources can be conserved including: * Groundwater management
* Water recycling
* Grey water
* Saving water at home e.g. low water use washing machines
 |  |  |  |  |  |
| I can use an example (Wakel River Basin Project, India) of a **local renewable energy scheme**  in a LIC or Nee to provide sustainable supplies of water.  |  |  |  |  |  |