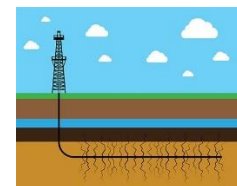




# A Question of Geography



UK Environmental Challenges						
Use your revision guide and geography classwork book to help you answer these questions						
<b>1<sup>st</sup></b> Define the term prevailing wind and state how it effects weather in the UK (3)	<b>2<sup>nd</sup></b> Identify the five air masses which effect the UKs weather (5)	<b>3<sup>rd</sup></b> Outline what the North Atlantic Drift is and how it effects the UKs weather (3)	<b>4<sup>th</sup></b> Outline what continentality is and how it effects the UKs weather (3)	<b>5<sup>th</sup></b> Explain the social and economic impacts of an extreme weather event caused by air masses (4)	<b>6<sup>th</sup></b> Describe the physical and human causes of flooding in the Somerset levels (4)	<b>7<sup>th</sup></b> Explain the effects of flooding from the Somerset Levels (4)
<b>8<sup>th</sup></b> Explain the short and long term responses to flooding in the Somerset Levels (4)	<b>9<sup>th</sup></b> Describe how farming modifies environments and ecosystems in the UK (2)	<b>10<sup>th</sup></b> Describe how commercial fishing modifies environments and ecosystems in the UK (2)	<b>11<sup>th</sup></b> Describe how wind farms environments and ecosystems in the UK (2)	<b>12<sup>th</sup></b> Describe how fracking modifies environments and ecosystems in the UK (2)	<b>13<sup>th</sup></b> Describe how reservoirs modify environments and ecosystems in the UK (2)	<b>14<sup>th</sup></b> Describe how water transfer schemes modify environments and ecosystems in the UK (2)
<b>15<sup>th</sup></b> Define the terms renewable and non-renewable energy (2)	<b>16<sup>th</sup></b> Outline how important wind energy is for the UK (3)	<b>17<sup>th</sup></b> Identify three non-renewable energy sources used in the UK (3)	<b>18<sup>th</sup></b> Describe the role of government and the international organisations in the UK's changing energy patterns (4)	<b>19<sup>th</sup></b> Describe why energy consumption increased between 1950 and 2000 (2)	<b>20<sup>th</sup></b> State two reasons energy consumption has declined since 2000 (2)	<b>21<sup>st</sup></b> Outline how the EU is reducing carbon emissions (4)
<b>22<sup>nd</sup></b> State the four National strategies for sustainable energy (4)	<b>23<sup>rd</sup></b> Give two examples of local sustainable energy strategies (2)	<b>24<sup>th</sup></b> For a case study outline the local sustainable strategies (3)	<b>25<sup>th</sup></b> State three examples of renewable energy sources in the UK (3)	<b>26<sup>th</sup></b> Explain the impacts of wind farms on people and the environment (4)	<b>27<sup>th</sup></b> Explain the role of natural gas in the UK's energy future (4)	<b>28<sup>th</sup></b> Explain the role of nuclear power in the UK's energy future (4)
<b>29<sup>th</sup></b> Outline the advantages and disadvantages of Hinkley Point C power station (4)		<b>30<sup>th</sup></b> Describe the economic and political factors affecting the UK's future energy supply (3)		<b>31<sup>st</sup></b> Explain the environmental factors affecting the UK's future energy supply (4)		