

Climate change and low carbon futures – Knowledge Organiser

<u>Key Terms</u>	<u>Diagram of the greenhouse effect</u>	<u>Human and natural actions that release greenhouse gases into the atmosphere</u>																												
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<p>What evidence do we have to suggest that climate change is occurring?</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>How might climate change affect where people live?</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>How might warmer temperatures affect the Arctic, and the food chains which make up this ecosystem?</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p style="text-align: center;"><u>Reducing the risk of climate change</u></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;"></th> <th style="width: 25%;">Advantages</th> <th style="width: 25%;">Disadvantages</th> <th style="width: 35%;">Rank order (1 best, 5 worst)</th> </tr> </thead> <tbody> <tr> <td>Energy efficiency and conservation</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Biofuels</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Nuclear power</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Carbon-capture and storage.</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Forest sinks</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Advantages	Disadvantages	Rank order (1 best, 5 worst)	Energy efficiency and conservation				Biofuels				Nuclear power				Carbon-capture and storage.				Forest sinks			
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