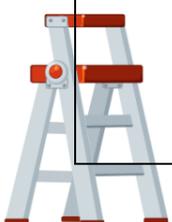


Percentage	I can ...	Prove it!
	<p><b>I can evaluate a topic by presenting the positives and negatives before reaching a conclusion. I can defend my judgement using a variety of evidenced points.</b></p> <ul style="list-style-type: none"> <li><i>Arguments that support the statement. Why is it correct?</i></li> <li><i>Arguments against the statement? Why is it incorrect? Suggest a minimum of two alternative options explaining how they would impact differently.</i></li> <li><i>Overall do you agree or disagree with the statement and why? Use evidence to back up your points.</i></li> </ul> <p><b>8 mark questions are also often case study questions or questions that require you to use specific examples.</b></p>	<ol style="list-style-type: none"> <li>Using an area you have studied, explain how humans have exploited a pristine wilderness and describe some of the problems caused.</li> <li>For a large-scale irrigation scheme you have studied, describe how its development has both advantages and disadvantages.</li> <li>Examine the advantages and disadvantages of a large scale agricultural development that you have studied.</li> <li>Using an example of a local scheme in an LIC or NEE, explain how food supply has been made more sustainable.</li> <li>Describe the main features of a water transfer scheme you have studied.</li> <li>Examine the advantages and disadvantages of a large scale water transfer scheme that you have studied.</li> <li>Using an example of a local scheme in an LIC or NEE, explain how water supply has been made more sustainable.</li> </ol>
	<p><b>I can compare two or more factors using detailed evidence to back up my comparison. I make sure I explain how they will impact differently.</b></p> <p><b>I can break information into parts, such as:</b></p> <ul style="list-style-type: none"> <li><b>Social, economic and environmental</b></li> <li><b>Primary and secondary effects</b></li> <li><b>Immediate &amp; long-term responses</b></li> </ul>	<ol style="list-style-type: none"> <li>Using specific locations, describe the distribution of water availability in the UK.</li> <li>What challenges has importing food caused in the UK &amp; how have we responded to these challenges?</li> <li>Describe why exploiting energy resources (nuclear, fossil fuels, renewable) can cause economic and environmental impacts.</li> <li>Describe the physical and human factors that affect food supply.</li> <li>Describe the potential consequences of climate change on food production for the poorest LICs.</li> <li>Using specific examples, describe how new technologies can increase food supply.</li> <li>How does ethical consumerism make agriculture more sustainable, especially in HICs?</li> <li>How does organic farming and urban farming initiatives make agriculture more sustainable?</li> <li>Describe the physical and human factors that affect water availability.</li> <li>Describe the potential consequences of climate change on water availability in the poorest LICs.</li> <li>Clearly state what desalination is and explain how it can increase water supplies.</li> <li>How are groundwater management and recycling 'grey' water examples of sustainable water supply.</li> <li>Describe specific strategies that can be used to obtain water in areas where it is in short supply.</li> <li>Describe specific methods of sustainable water management that can be used in the home.</li> </ol>



Percentage	I can ...	Prove it!
	<p>I can demonstrate a clear understanding of facts and processes through explanation, which follows a detailed structure that ensures I explain my point/s to the fullest.</p> <ul style="list-style-type: none"> <li><i>I believe.....because..... More specifically..... As a result.....</i></li> <li><i>I choose.....because..... For example..... As a result.....</i></li> <li><i>One way is.....because..... This means that..... As a result.....</i></li> </ul>	<ol style="list-style-type: none"> <li>1) Why do the poorest regions in the world consume fewer resources than the richest regions?</li> <li>2) Describe why the UK imports food from abroad.</li> <li>3) Explain how agribusiness can help end the reliance on imported foods.</li> <li>4) Why is water demand increasing in the UK?</li> <li>5) Why is only 27% of the UK's water 'clean'?</li> <li>6) Explain why fossil fuels will continue to be used in the future to provide energy,</li> <li>7) Explain why global food supply is uneven.</li> <li>8) Why do parts of Africa have food shortages?</li> <li>9) Explain how any two of the following are able to increase food supply: hydroponics, aeroponics, biotechnology, appropriate technology.</li> <li>10) Explain why low impact farming = sustainable food supply.</li> <li>11) Explain why global water security is uneven.</li> <li>12) Why do parts do Russia and parts of Africa have water insecurity&gt;</li> <li>13) As countries develop, their use of water increases. Explain why this occurs.</li> <li>14) Explain how water insecurity can lead to conflict.</li> <li>15) Explain how any two of the following are able to increase water supply: water transfer, dams &amp; reservoirs and desalination.</li> <li>16) Explain how LICs can improve their water security</li> <li>17) Explain why the use of groundwater from aquifers is unsustainable.</li> </ol>
	<p>Demonstrate an understanding of facts and ideas through detailed description, which uses evidence to back up points.</p> <p><i>Make your point and then give two examples.</i></p> <ul style="list-style-type: none"> <li><i>Topic sentence - introduce answer Firstly.....For example..... Secondly.....For example.....</i></li> </ul>	<ol style="list-style-type: none"> <li>1) Describe the global distribution of food, energy and water availability.</li> <li>2) Suggest how agribusiness and organic farming can help reduce UK food miles and carbon footprint.</li> <li>3) Describe how the UK is trying to improve water quality in the UK.</li> <li>4) Describe how water transfer is used to prevent water stress in the UK.</li> <li>5) How has the way that the UK uses energy sources changed in the last 50 years?</li> <li>6) Describe how the UK's energy mix is likely to change.</li> <li>7) Describe three causes of uneven global food supply.</li> <li>8) Describe the impacts of food insecurity.</li> <li>9) Why is increasing LIC food supply a challenge?</li> <li>10) Describe two strategies to increase food supply.</li> <li>11) How is technology used to increase food supply?</li> <li>12) How can changes to eating habits reduce our carbon footprint?</li> <li>13) Describe how farming can be made more sustainable.</li> <li>14) Describe three causes of uneven water supply.</li> <li>15) Describe the impacts of water insecurity</li> <li>16) Describe two strategies to increase water supply.</li> <li>17) Describe how desalination can increase water supply</li> <li>18) Describe how water supply can be more sustainable.</li> <li>19) What is the difference between physical and economic water scarcity?</li> </ol>



Percentage	I can ...	Prove it!
	<p>I can recall facts, identify factors or points and organise my ideas in a logical way.</p> <p><i>The definition of.....is.....</i></p> <p><i>Two ways that.....</i></p>	<ol style="list-style-type: none"> <li>1) Define the term natural resource.</li> <li>2) Define surplus and deficit</li> <li>3) Which regions of the world use most resources per person?</li> <li>4) List three sources of energy are found in the UK's energy mix.</li> <li>5) Where is most of the world's fresh water stored?</li> <li>6) Define water security.</li> <li>7) What does carbon footprint mean?</li> <li>8) List three causes of water insecurity.</li> <li>9) List three impacts of water insecurity.</li> <li>10) List 3 strategies to increase water supply</li> <li>11) What is meant by water transfer scheme?</li> <li>12) What is meant by desalination?</li> <li>13) What is meant by the term irrigation?</li> <li>14) What is meant by imported foods?</li> <li>15) What are food miles?</li> <li>16) What is meant by agribusiness?</li> <li>17) What is meant by famine?</li> <li>18) What does carbon footprint mean?</li> <li>19) List three causes of food insecurity.</li> <li>20) List three impacts of food insecurity.</li> <li>21) List 3 strategies to increase food supply</li> </ol>

**Key Words:**

Natural Resource

Distribution

Surplus / Security

Deficit / Insecurity

Water Transfer Scheme

Carbon Footprint / Food Miles

Energy Mix

Food Miles

Irrigation

Hydroponics & Aeroponics

Biodiversity

Organic Farming, Permaculture, Urban Farming Initiatives

Agroforestry

Desalination

Blue Revolution

Dam & Reservoir

Water Conservation, Ground Management, Grey Water

