

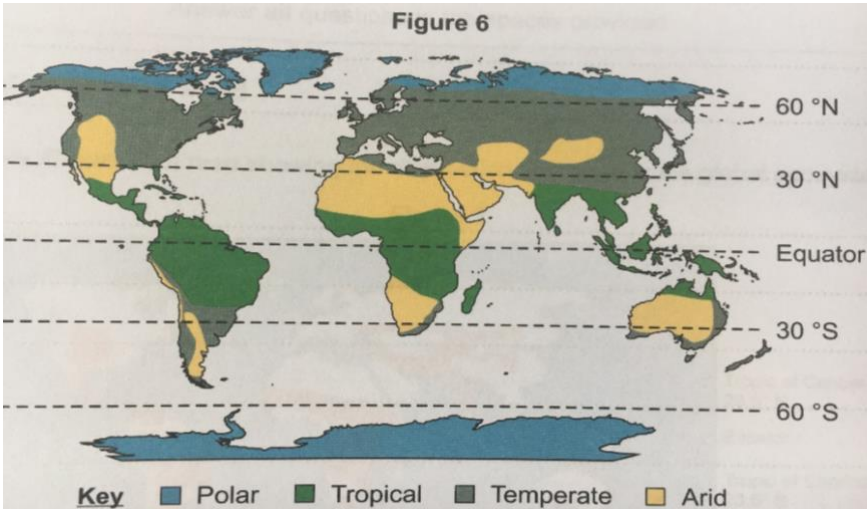





Percentage	I can ...	Prove it!
	<p>I can evaluate a topic by presenting the positives and negatives before reaching a conclusion. I can defend my judgement using a variety of evidenced points.</p> <ul style="list-style-type: none"> <li>• Arguments that support the statement. Why is it correct?</li> <li>• Arguments against the statement? Why is it incorrect? Suggest a minimum of two alternative options explaining how they would impact differently.</li> <li>• Overall do you agree or disagree with the statement and why? Use evidence to back up your points.</li> </ul>	<ol style="list-style-type: none"> <li>1) Assess the suitability of hot deserts as environments for economic development.</li> <li>2) Using a case study, to what extent have opportunities for economic development been developed in hot deserts?</li> <li>3) To what extent are hot deserts at risk from human activity?</li> <li>4) For a hot desert you have studied, assess the importance of management strategies used to reduce the risk of environmental damage.</li> <li>5) Assess the effectiveness of strategies used to reduce environmental damage in the hot desert.</li> </ol>
	<p>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.</p> <p>I can break information into parts.</p> <p>I can use specific case studies or examples to provide evidence in my work.</p>	<ol style="list-style-type: none"> <li>1) Suggest how small scale ecosystems are at risk form human activity. Use an example you have studied.</li> <li>2) Study <b>Figure 6</b>, a map showing the global distribution of climatic zones. Using <b>Figure 6</b> and your own knowledge, describe and explain the distribution of climatic zones.</li> </ol>  <ol style="list-style-type: none"> <li>3) Using specific examples, describe how the desert provides economic opportunities.</li> <li>4) Using specific examples, describe how humans are causing desertification on the fringe of the hot deserts.</li> <li>5) Explain how areas at risk form desertification can be managed sustainably.</li> </ol>

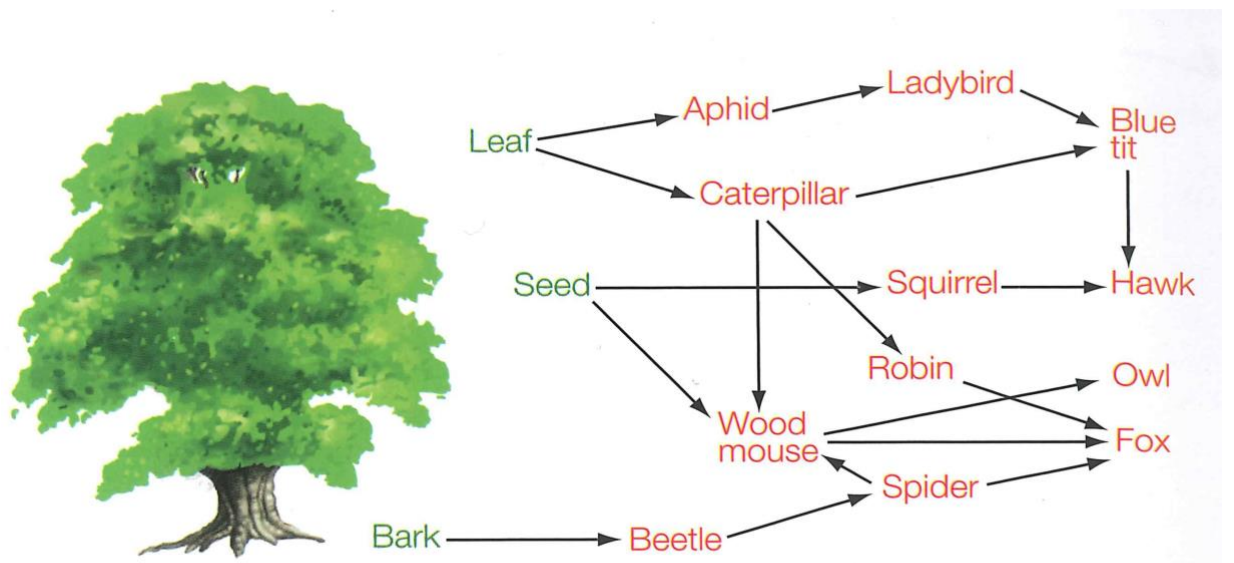


Percentage	I can ...	Prove it!
 <p>60%</p>	<p>I can demonstrate a clear understanding of facts and processes through explanation, which follows a detailed structure that ensures I explain my point/s to the fullest.</p> <ul style="list-style-type: none"> <li>• <i>I believe.....because..... This means that..... As a result.....</i></li> <li>• <i>I choose.....because..... This means that..... 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) Using the food web below, explain how the wood mouse would be affected if there was an increase in the number of robins.</li> <li>2) Explain how the ladybird would be affected if there was an increase in foxes.</li> <li>3) Study the <b>Figure 2</b> (bottom of learning ladder), a diagram showing the nutrient cycle. Explain why the diagram shown is an example of nature's recycling.</li> <li>4) Explain how animals in hot desert adapt to the climate.</li> <li>5) Explain how vegetation in hot deserts adapts to the climate.</li> <li>6) Explain why there is an arid climate at 30° north and south of the equator (deserts).</li> <li>7) Explain why population growth has caused desertification.</li> <li>8) Explain why climate change has caused desertification.</li> <li>9) Explain how afforestation, grazing rotation and building earth dams reduce desertification.</li> </ol>
 <p>48%</p>	<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>Desert ecosystems are found..... For example..... The rainforest ecosystem is found... For example.....</i></li> <li>• <i>The desert has many unique characteristics. Firstly.....For example..... Secondly.....For example.....</i></li> <li>• <i>Plants in the desert have adapted to suit its arid climate and thin soils. Firstly.....For example..... Secondly.....For example.....</i></li> </ul>	<ol style="list-style-type: none"> <li>1) Describe the difference between a food chain and food web.</li> <li>2) Describe the differences between the three types of consumers (herbivore, carnivore and omnivore).</li> <li>3) Describe how the food web at the bottom of the learning ladders shows that different parts of the ecosystem are linked to each other.</li> <li>4) Describe the distribution of global deserts.</li> <li>5) Describe the distribution of the tundra.</li> <li>6) Describe the key characteristics of two ecosystems of your choosing.</li> <li>7) Describe how climate affects the soils in the desert ecosystem.</li> <li>8) Describe the challenges of economic development in the hot desert.</li> <li>9) Describe how overgrazing, over-cultivation and deforestation have caused desertification.</li> <li>10) Describe three sustainable strategies to reduce the risk of desertification.</li> </ol>



Percentage	I can ...	Prove it!
 36%	<p><b>I can recall facts, identify factors or points and organise my ideas in a logical way.</b></p> <p><i>The definition of.....is.....</i></p> <p><i>Two ways that.....</i></p>	<ol style="list-style-type: none"> <li>1) What is the definition of an ecosystem?</li> <li>2) List the world's 8 major ecosystems.</li> <li>3) What is the definition of a producer and what is an example?</li> <li>4) What is the definition of a consumer and what is an example?</li> <li>5) What is the definition of a decomposer and what is an example?</li> <li>6) Identify two food chains in the food web below.</li> <li>7) What weather conditions are found in areas of low pressure?</li> <li>8) What weather conditions are found in areas of high pressure?</li> <li>9) List two characteristics of the desert.</li> <li>10) List two economic opportunities in the desert.</li> <li>11) List two challenges people and companies experience in the desert face.</li> <li>12) What is the definition of desertification?</li> <li>13) List two ways humans are causing desertification.</li> <li>14) What is the definition of sustainability?</li> <li>15) List two sustainable strategies to reduce desertification.</li> </ol>

- Key Words**
- Ecosystem
  - Food Chain/Food Web
  - Producer
  - Consumer (herbivore, carnivore, omnivore)
  - Decomposer
  - Desert
  - Sahara
  - Sahel
  - Atmospheric Circulation
  - Hadley Cell
  - Coriolis Effect
  - Prevailing Wind
  - Economic Opportunity
  - Desertification
  - Sustainability
  - Erosion



▲ Part of a food web (complete food webs are large and complicated)

Figure 2

