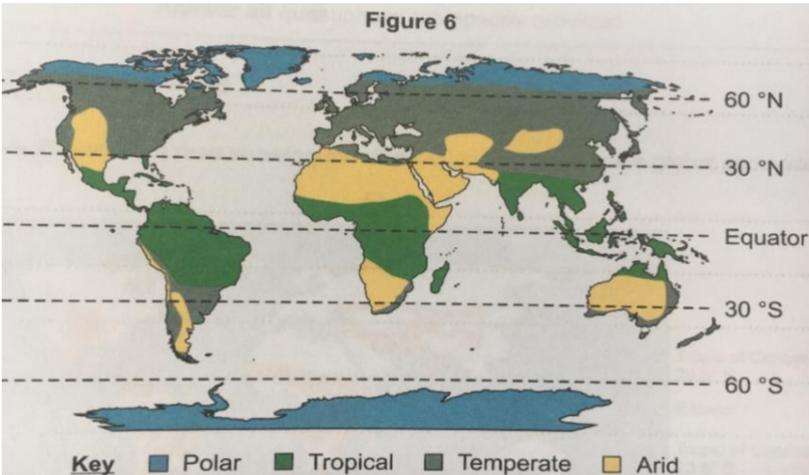


Percentage	I can ...	Prove it!
	<p>I can evaluate a topic by presenting the positives and negatives before reaching a conclusion. I can defend my judgement using a variety of evidenced points.</p> <ul style="list-style-type: none"> • Arguments that support the statement. Why is it correct? • Arguments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

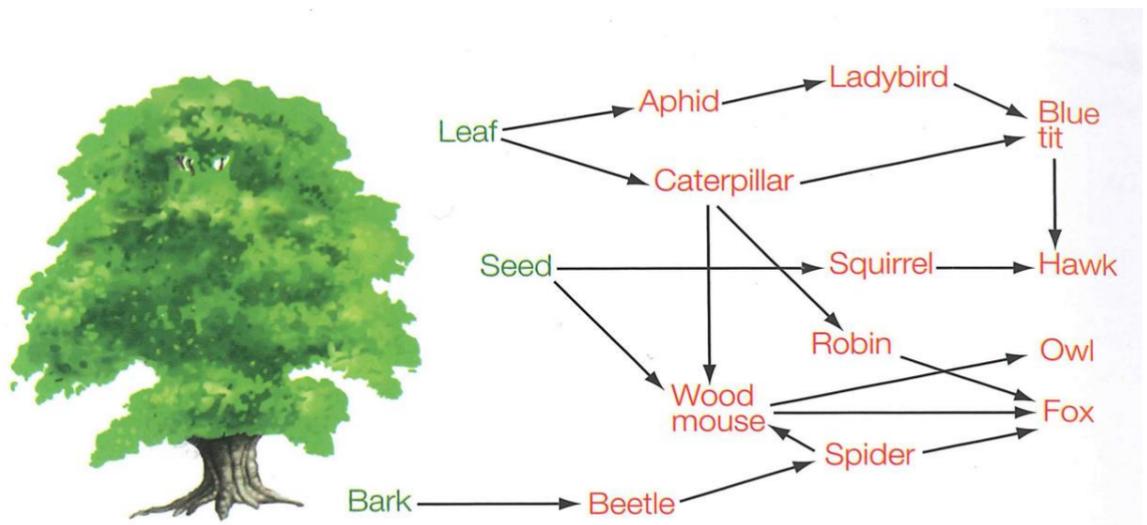


Percentage	I can ...	Prove it!
 <p>60%</p>	<p>I can demonstrate a clear understanding of facts and processes through explanation, which follows a detailed structure that ensures I explain my point/s to the fullest.</p> <ul style="list-style-type: none"> • <i>I believe.....because..... This means that.....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



Percentage	I can ...	Prove it!
 36%	<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"> 1) What is the definition of an ecosystem? 2) List the world's 8 major ecosystems. 3) What is the definition of a producer and what is an example? 4) What is the definition of a consumer and what is an example? 5) What is the definition of a decomposer and what is an example? 6) Identify two food chains in the food web below. 7) What weather conditions are found in areas of low pressure? 8) What weather conditions are found in areas of high pressure? 9) List two characteristics of the desert. 10) List two economic opportunities in the desert. 11) List two challenges people and companies experience in the desert face. 12) What is the definition of desertification? 13) List two ways humans are causing desertification. 14) What is the definition of sustainability? 15) List two sustainable strategies to reduce desertification.

- 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

