

Year 3 & 4

Solo Stages	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5
	Pre-structural <i>(No real understanding of the topic – fails to grasp concepts)</i>	Uni-structural <i>(Able to identify intended learning and follow simple instructions – but limited knowledge)</i>	Multi-structural <i>(Can perform and combine simple skills but not independent in using strategies for learning)</i>	Relational <i>(With limited support: able to analyse/apply/compare and contrast/explain and justify information gathered)</i>	Extended Abstract <i>(Fully independent in making connections between facts learned and able to reflect and draw conclusions)</i>
Key Learning	With help, I can find out some of the basic facts about deserts or polar biomes.	I can use books (or materials) provided for me to discover facts about deserts and polar biomes	I know different ways of carrying out research and can sometimes do this without help.	I know how to analyse my findings about extreme climates and draw conclusions from them.	I can use all of the information I have learned and researched about extreme climates to produce a survival guide.
Attainment:					Listeners will discover;
What do we mean by extreme climates?	I know what is meant by climate.	I know how climate is different to weather.	I can give examples of different climatic conditions.	I can suggest places in the world that would have particular climatic conditions and explain why that might be.	- what a desert and polar region is and where in the world they are found
Where can extreme climates be found in the world?	I can label polar and /or desert biomes on a map of the world.	I can use an atlas to find given desert and polar regions and label them on a map.	I can use secondary sources to find out major desert and polar regions and label them on a map	I can use findings about contrasting regions to draw conclusions and make geographical comparisons.	- what desert and polar region is like and what lives there
What are the characteristics of extreme climatic/weather zones?	I can describe some weather conditions in extreme locations.	I can describe and compare the climate of polar and desert regions.	I can describe and compare the climate of polar and desert regions with that of the UK.	I can explain the difference between weather and climate and talk about the features of the UK climate and that of a polar/desert region.	- what the climate of the desert and polar region is like and how it compares with climate here
How do people survive in and adapt to extreme weather and climatic conditions?	I know that there are groups of people who live in polar and desert regions	I can describe some aspects of the ways of life of people living in the polar and desert regions.	I can explain how people use the desert and polar regions sustainably to survive	I can describe and explain how indigenous people of the desert and polar regions adapt to the difficulties faced by living in these regions.	- who lives in the desert and polar regions and what their lifestyle is like
How do living organisms survive in and adapt to extreme locations?	I can name some plants and animals that survive in extreme conditions.	I can describe some aspects of the ways in which living things in the polar and desert regions survive/adapt.	I can explain how different living organisms use the desert and polar regions to survive.	I can describe and explain how native species of the desert and polar regions adapt to the difficulties faced by living in these regions.	

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<p>How does global warming affect the people and living things that live in extreme environments?</p>	<p>I can name some effects of global warming on humans and other living things.</p>	<p>I can explain some effects of global warming on humans and other living things.</p>	<p>I can explain the effects of global warming on humans and other living things and start to justify my own opinion.</p>	<p>I can describe and explain effects of global warming on humans and other living things. I can form my own opinion and justify it with facts.</p>	
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