

## Gifted and Talented opportunities in Geography

### Geography Ambassadors

Students can apply for a role of Geography ambassador from year 9 onwards. This role will include working with the Geography department to promote geography at events such as prospective parents evening and will assist the sixth form students in planning and running the Geography club for Year 7 and 8. Gifted and Talented students will be given the opportunity to support other students in completion of their Geography work at lunchtimes.

### Opportunities for wider reading and research.

Year group	Topic	Research questions	Websites
7	Antarctica	<p>Why is Antarctica described as a 'wilderness'?- include information on its location and its climate.</p> <p>How has wildlife in Antarctica adapted to its climate?</p> <p>What challenges face Antarctica in the future?</p> <p>How important is international co-operation to the future of Antarctica?</p>	<p><a href="http://www.discoveringantarctica.org.uk/index.php">http://www.discoveringantarctica.org.uk/index.php</a></p> <p><a href="http://www.coolantarctica.com">http://www.coolantarctica.com</a></p> <p><a href="http://www.wwf.org.au/our_work/saving_the_natural_world/oceans_and_marine/priority_ocean_places/antarctica_and_southern_ocean/threats/">http://www.wwf.org.au/our_work/saving_the_natural_world/oceans_and_marine/priority_ocean_places/antarctica_and_southern_ocean/threats/</a></p> <p><a href="http://www.antarctica.gov.au/environment/protecting-and-managing-special-areas">http://www.antarctica.gov.au/environment/protecting-and-managing-special-areas</a></p>
8	Tropical Rainforests	<p>What is unique about Tropical Rainforests?- include location and climate information</p> <p>How has flora and fauna adapted to survive in Tropical Rainforests?</p> <p>Why are tropical Rainforests under threat?</p> <p>How have governments and organisations attempted to manage the destruction of TRFs?</p>	<p><a href="http://www.blueplanetbiomes.org/rainforest.htm">http://www.blueplanetbiomes.org/rainforest.htm</a></p> <p><a href="http://www.geography.learnontheinternet.co.uk/topics/rainforest.html">http://www.geography.learnontheinternet.co.uk/topics/rainforest.html</a></p> <p><a href="http://www.rainforest-alliance.org/kids/facts/tropical-forest">http://www.rainforest-alliance.org/kids/facts/tropical-forest</a></p>

9	Tropical Storms	<p>What are the characteristics of a tropical storm?-Include conditions under which they form, locations where they occur and what they are also known as.</p> <p>What are the primary and secondary impacts of tropical storms?</p> <p>What factors contributed to making Hurricane Katrina so destructive?</p> <p>To what extent has New Orleans recovered from Hurricane Katrina?</p>	<p><a href="http://www.metoffice.gov.uk/weather/tropicalcyclone/facts">http://www.metoffice.gov.uk/weather/tropicalcyclone/facts</a></p> <p><a href="http://www.weatherwizkids.com/weather-hurricane.htm">http://www.weatherwizkids.com/weather-hurricane.htm</a></p> <p><a href="http://www.livescience.com/22522-hurricane-katrina-facts.html">http://www.livescience.com/22522-hurricane-katrina-facts.html</a></p> <p><a href="http://news.bbc.co.uk/1/shared/spl/hi/americas/05/katrina/html/default.stm">http://news.bbc.co.uk/1/shared/spl/hi/americas/05/katrina/html/default.stm</a></p> <p><a href="http://www.theguardian.com/us-news/hurricane-katrina">http://www.theguardian.com/us-news/hurricane-katrina</a></p>
10	Urban decline	<p>What is urban decline?</p> <p>Which factors are the most significant in their contribution to urban decline?</p> <p>Investigate the factors that have led to urban decline in Detroit, USA.</p>	<p><a href="http://www.coolgeography.co.uk/A-level/AQA/Year%2013/World%20Cities/Decline/Urban Decline.htm">http://www.coolgeography.co.uk/A-level/AQA/Year%2013/World%20Cities/Decline/Urban Decline.htm</a></p> <p><a href="https://www.boundless.com/sociology/textbooks/boundless-sociology-textbook/population-and-urbanization-17/urban-life-124/urban-decline-702-10231/">https://www.boundless.com/sociology/textbooks/boundless-sociology-textbook/population-and-urbanization-17/urban-life-124/urban-decline-702-10231/</a></p> <p><a href="http://geography.about.com/od/urbaneconomicgeography/a/geography-detroit-decline.htm">http://geography.about.com/od/urbaneconomicgeography/a/geography-detroit-decline.htm</a></p> <p><a href="http://www.nytimes.com/interactive/2013/08/17/us/detroit-decline.html? r=0">http://www.nytimes.com/interactive/2013/08/17/us/detroit-decline.html? r=0</a></p>

11	<p>Combating Climate Change</p>	<p>What is climate change?</p> <p>What is COP21?</p> <p>How international cooperation can help to reduce the impacts of climate change? Why is it so difficult to achieve?</p> <p>What were the outcomes of the 2015 Paris Climate Change summit?</p> <p>How will they attempt to reduce future climate change?</p> <p>To what extent do you think that they will be successful?</p> <p>What else could be done to reduce the possible future effects of climate change?</p>	<p><a href="http://www.bbc.co.uk/news/science-environment-35073297">http://www.bbc.co.uk/news/science-environment-35073297</a></p> <p><a href="http://www.bbc.co.uk/news/science-environment-35084374">http://www.bbc.co.uk/news/science-environment-35084374</a></p> <p><a href="http://www.bbc.co.uk/news/resources/idt-5aceb360-8bc3-4741-99f0-2e4f76ca02bb">http://www.bbc.co.uk/news/resources/idt-5aceb360-8bc3-4741-99f0-2e4f76ca02bb</a></p> <p><a href="http://www.bbc.co.uk/news/science-environment-24021772">http://www.bbc.co.uk/news/science-environment-24021772</a></p> <p><a href="http://www.bbc.co.uk/news/science-environment-35066245">http://www.bbc.co.uk/news/science-environment-35066245</a></p> <p><a href="http://www.theguardian.com/environment/cop-21-un-climate-change-conference-paris">http://www.theguardian.com/environment/cop-21-un-climate-change-conference-paris</a></p>
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