



GEOGRAPHY

Here are a set of activities. You can do them in any order and you don't have to do them all. This should be a joy not a chore. There are some resources listed and some tasks that relate to each of them. We will feedback by email on any of the work you submit but these are designed to stimulate your interest and further your ability to analyse. Some of these resources involve reading the *Geographical* magazine. I have a few copies in school for you to take from the taster lesson.

We really hope that this gives you a taste of what it means to be a Geographer.

Key objective/title of study	Resources	Things to do.... You could....	Details
Population studies; How many is too many?	Geographical magazine; <i>April 2020</i> p12 'Don't blame population growth'; Danny Dorling '10 billion'; Hans Rosling lecture 'Don't panic' (you tube) and this one from David Attenborough.. https://www.telegraph.co.uk/news/2018/10/03/slowing-population-growth-key-saving-planet-says-david-attenborough/	Watch Hans Rosling's lecture, read the article. Try to explain the concept of peak child to another family member. Now read the Telegraph article. David Attenborough isn't usually wrong but....	You could write a letter to David Attenborough explaining why he may not actually be right with this one... You could write a letter to Santa explaining why he need not worry about future population growth..

<p>Migration; An investigation into migration in Mongolia</p>	<p>https://www.iom.int/countries/mongolia</p> <p>https://www.theguardian.com/world/2010/jul/20/mongolia-nomads-livestock-geofile-658 (googleit)</p>	<p>There is lots to read here.. When you have familiarised yourself with the content you could create a table or spider diagram to summarise the key points. You should look for information about who is moving, where to/from, why, how it has changed, what the impacts are, what people are doing to manage it. You could investigate the story of a particular migrant. You could find out more about the IOM and have a look at another country using their filter. You could investigate the impact of climate change on internal migration in Mongolia.</p>	<p>You could take a photo of your finished spider diagram.</p> <p>You could write a report of an imaginary interview with a migrant.</p> <p>You could write a report about the impacts of climate change on Migration in Mongolia</p>
<p>Rocks and Weathering/ Environmental management/ Resources</p>	<p>Geographical magazine April 2020 p36 Lithium</p>	<p>This article is nominally about resources but it spans almost our whole A level curriculum. Read the article and see if you can spot/imagine links to the following topics; Rocks and weathering, Global interdependence, tectonics, population, settlement, migration, hydrology, environmental management and atmosphere and weathering.</p> <p>Find out about Batholiths..what are they and how do they form?</p> <p>Watch Poldark..call it research.</p>	<p>Show me your mind map of links to the A level curriculum. Present a poster about batholiths..sell them to me.. Poldark isn't just about a guy on a horse in Cornwall.It is about the mining industry and the social consequences of its demise/success. Research and write a report outlining the human and environmental impacts of the rise and fall of the mining industry in Cornwall.</p>

Hydrology	http://thebritishgeographer.weebly.com/river-landforms.html https://kisialevelgeography.wordpress.com/as-hydrology/	<p>These web pages are both excellent for the landforms and processes happening in river (hydrology).</p> <p>You could go on to google earth to do some virtual fieldwork.</p> <p>Try and find a wild place with a river system (e.g. somewhere in Siberia). See if you can screenshot a braided channel, a meander, a meander scar, and a delta. - read the notes or research on your own to find what these landforms are.</p> <p>Is there a local river to you in Kent? Photograph parts of the system, where is the river eroding? Where is the river depositing material?</p> <p>Waterfalls - Research and make a word document about Niagara Falls (USA & Canada) or Angel falls (Venezuela) or Gullfoss (Iceland) - How were these waterfalls created?</p> <p>Watch a few extreme white water kayaking videos, how do you think these landforms were created.</p>	Put your notes and photographs taken into a document. Include screenshots from your virtual fieldwork or local photos of a river system, notes and images of waterfalls and rapids.
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<p>Atmosphere and weather</p>	<p>https://kisialevelgeography.wordpress.com/as-atmosphere-weather/</p> <p>https://www.dailymotion.com/video/x5ah6gl</p> <p>https://www.nationalgeographic.org/encyclopedia</p> <p>https://www.britannica.com/</p>	<p>Use the reading and search engines to discover more about the earth's atmosphere. What influences it and how does it work? The atmosphere is important for protecting us and allowing life to flourish but it also is very destructive and causes impressive weather events.</p> <p>Clouds – you can tell a lot about the weather from the clouds, start taking pictures of clouds and learn to recognise the different types and what weather they cause.</p> <p>Thunderstorms, what creates them? How is hail created? Why does hail have layers? How is lightning caused? Maybe draw a short sequence of sketches to show the process.</p> <p>How do the oceans affect the atmosphere? Research the great ocean conveyor/thermohaline circuit, how does this affect us in the UK?</p> <p>Watch "Earth power of the Planet – Atmosphere"</p>	<p>Find a diagram of all the different cloud types and try to collect some images of them</p> <p>Regularly watch weather forecasts and pay attention to the winds and pressure</p> <p>Draw out a series of sketches on thunderstorms</p> <p>Research and write a short summary of the great ocean conveyor</p>	
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General Reading

'Factfulness' Hans Rosling (all round Geography hero, Swedish statistician, read or watch anything by him. Check out his 'Gapminder' foundation for up to date and reliable information about the world).

'10 Billion' Danny Dorling (British demographer, government consultant, lecturer and researcher on all things population related. Very interesting man who has come to speak at St Eds)

'Prisoners of Geography' Tim Marshall (or indeed anything by this man, this will fill the gaps about all the things you think you should probably already know about the world and why it looks the way it does. My History teacher friend said it was her favourite book..just sayin') Listen to [his podcast](#).