**Year10 Geography ‘at home learning’ resource**

**Key Topics to revise:**

**Ecosystems, Rainforests, Deserts and Desertification**

**Task: Aim to complete one activity a day to help support and further your revision and subject knowledge.**

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| Choose 3 plants or animals in the rainforest and explain how they have adapted to their surroundings and why they need to adapt in as much detail as possible. | Research the lifestyle of tribes in the rainforest. | Explain why there is conflict between tribes and the Brazilian people in the Amazon.(6) | Explain causes of deforestation in the rainforest. | Research which animals live in different layers of the rainforest and explain why that layer is the perfect place for them to live. | Explain the effects of desertification on the rainforest. | Analyse a climate graph for the Amazon and a climate graph for the Sahara Desert and compare the two graphs. | Explain why mining in the Amazon is a bad thing. |
| Explain the solutions to desertification. | Describe the location of the Thar Desert in as much detail as possible. (Include surrounding countries, the continent, cities etc) | Describe the distribution of Rainforests (3) | How are local people and big companies bringing water to the desert? | Explain the reasoning behind the “green wall” initiative in Africa. | Describe how 3 plants and animals have adapted to living in the desert and why these adaptations were needed. | Define the following terms: -  Desert  Sahel  Water transfer  Water deficit  Desertification | Research and then explain why the Sahara Desert is an ideal location for renewable energy production. |
| Watch the documentary “Poison Water” on Netflix.  What are the effects?  How is Water managed and protected from “poison.” | Choose 5 capital cities in Africa. Explain the:  Location  Population  Physical features  Human features  Positive and negative facts | Write down all the countries in the continent of Africa. Find the capital city of each one and 1 fact about each country. | BBC iplayer: David Attenborough. Choose an episode and create a facts mind-map.  Planet Earth 1 or 2  Life on Earth  Blue Planet 1 or 2  Frozen Planet  Natural World  Africa | Look at a map of the world. Try and memorise it and then draw your own map of the world without looking at the original. | Go through your clothes and write down all the places they were made in. make a tally chart so it shows how many items of clothing are from each place. | Research the Google headquarters in Silicone Valley. Explain how it is an environmentally friendly company / building. | Write down 10 interesting facts about the Pacific Ocean. |