**A Level Geography Transition Work**

**Week 8 – Disease Dilemmas**

The unit entitled Disease Dilemmas is studied as part of the Geographical Debates paper (the same paper as Hazardous Earth; last week’s transition work). At the minute the study of diseases, viruses, pandemics and their prevention and mitigation is ***very*** close to home! However, it is a very interesting theme to study. There is a strong focus on comparing diseases of poverty (such as malaria) with diseases of affluence (such as obesity and certain cancers). You will learn about the epidemiology of certain diseases (how they spread) along with geographical factors that may encourage them to become more or less prevalent such as climate, landscape and poverty levels.

Medicines from Nature

You have learnt in your GCSE work that tropical rainforests are home to many species of plants, trees and flowers that have medicinal benefits. However, it is not just these areas that are home to plants with medicinal uses. Below is a table of such drugs, research them to be able to fill in the different sections of the table to show the source of these drugs (which plant they come from), the growing conditions these plants need and their medical usage (what can they treat? What are they used for?)

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| **Drug** | **Source** | **Growing Conditions** | **Medical Usage** |
| Salicin |  |  |  |
| Caffeine |  |  |  |
| Quinine |  |  |  |
| Colchicine |  |  |  |
| Nicotine |  |  |  |
| Morphine |  |  |  |
| Artemisinin |  |  |  |
| Digitalis |  |  |  |