

# YEAR 12 CURRICULUM INFORMATION - GEOGRAPHY

	Summer 1	Summer 2
What will students be learning?	Water & Carbon Cycles Population and Environment	Fieldwork and NEA (Non-Examined Assessment – Coursework) focus
How will students be assessed?	Paper 1 and Paper 2 Mock exams	Teacher and self-assessment of NEA progress.
Literacy – What keywords will be taught?	Dynamic equilibrium, positive and negative feedback, lithosphere, hydrosphere, cryosphere, biosphere, atmosphere photosynthesis, respiration, decomposition, combustion, carbon sequestration, weathering, wildfires, volcanic activity, hydrocarbon extraction, land use changes, the atmosphere and global climate, carbon capture and sequestration (CCS), rural land use  Population, agriculture, zonal soils, soil erosion, waterlogging, salinization, structural deterioration, food security, health, morbidity, mortality, epidemiological transition, transmitted disease, non-communicable disease, birth rate, death rate, total fertility rate, infant mortality rate, dependency ratio, age-sex variation, population pyramids, demographic dividend refugee, asylum seeker, economic migrant, over-population, under-population, optimum population, carrying capacity, ecological footprint.	Hypothesis, theoretical and comparative contexts, data collection, sampling, systematic, stratified, justification, field methodologies, quantitative and qualitative approaches, critically examine, representative, evaluation, ethical dimensions, analysis, conclusion.
What employability skills are being developed?	Data handling, collaboration, teamwork, empathy/emotional intelligence, communication, time management	Planning, organisation, self-management, time management, motivation, Information use, technology use, independence, data analysis, adaptability, communication
Wider Curriculum Links?	Numeracy – data analysis, manipulation, Literacy – extended exam answers Science – Soil processes, ecosystem management, nutrient cycling and disease.	Numeracy – data collection, sampling, data analysis, statistical analysis, data presentation Literacy – extended writing 4000w word project Other A Level subjects inc sciences, sociology, economics – dependent on students’ choice of focus.

What useful websites are there for this topic?	Seneca Learning, Tutor2U Physics & Maths Tutor Internet Geography
What wider reading could be done for this topic?	<b>Recommended subject guides:</b> CGP AS and A-Level Geography: AQA Complete Revision & Practice Oxford AQA Geography for A Level & AS Physical Geography Revision Guide Oxford AQA Geography for A Level & AS Human Geography Revision Guide Geofactsheets (available in G3) Geography Review (available in G3) – Students are offered individual subscription at discounted rates – see AQE
What else can students be doing independently to develop their understanding of this topic?	<b>Websites</b> AQA Geography <a href="#">AQA   Geography   AS and A-level   Geography</a> Royal Geographic Society <a href="http://www.rgs.org/SpecialInterests/students/Students.htm">http://www.rgs.org/SpecialInterests/students/Students.htm</a> A Level Geography <a href="http://www.alevelgeography.com/">http://www.alevelgeography.com/</a> Field Studies Council <a href="http://www.geography-fieldwork.org/">http://www.geography-fieldwork.org/</a> , DataShine <a href="#">DataShine: Census</a> CRDC Maps <a href="#">CDRC Maps: Index of Multiple Deprivation 2019</a> Nasa Climate <a href="#">NASA: Climate Change and Global Warming</a> <b>YouTube Channels:</b> Ted-Ed, Khan Academy, Gapminder, NERC Science, <b>Twitter Feeds:</b> @geographicalmag, @RGB_IBG, @Brit_exploring, @OrdnanceSurvey, @MrGeography, @WorldMapper, @profiainstewart, @GeographyRT, @gapminder, @dataisbeautiful, <b>Apps:</b> Survey123, Seneca Learning, Snap Revise