



Transition to Year 12

Geography

Reading List:

- Chambers, C (2016) Are Humans Damaging the Atmosphere? Heinemann Educational Books
- Chambers, C (2016) Can We Protect People from Natural Disasters? Heinemann Educational Books
- Chambers, C (2015) How Harmful are Fossil Fuels? Heinemann Educational Books
- Collier, P (2008) The Bottom Billion: Why the Poorest Countries are Failing and What Can Be Done About It, Oxford University Press
- Hunter, N (2014) Explorer Travel Guides: Rainforests, Raintree
- Held, D. (ed) 2004 *A Globalizing world? Culture, Economics, Politics.*
- Murray, W.E. 2006 *Geographies of Globalization*, Routledge
- Adams, W.M. 2001 *Green Development: environment and sustainability in the Third World*, Routledge, 2nd edition
- Barry, R.G., Chorley, R.J. and Chase, T. 2003 *Atmosphere, weather and climate*, Routledge
- Masselink, G. and Hughes, M.G. 2003 *An introduction to coastal processes and geomorphology*, Hodder Arnold

Podcasts:

- The Sustainability Agenda – Providing insight into some of today's biggest sustainability questions, this podcast features interviews with leading sustainability thinkers. Each episode offers discussion on major sustainability challenges, recent developments in the field, what's working vs. what needs to change, and the future of sustainability.
- The Energy Gang - This weekly podcast on energy, cleantech and the environment, hosts guest from the green tech world to discuss technological, political and market forces driving energy and environmental issues.
- Sustainababble: Using a comedic tone to discuss serious issues surrounding climate change, Sustainababble explains the most complex environmental issues in simple terms.

TED Talks:

TED Talks: Hans and Ola Rosling: 'How not to be ignorant about the world'.

(http://www.ted.com/talks/hans_and_ola_rosling_how_not_to_be_ignorant_about_the_world)

Parag Khanna: 'How megacities are changing the map of the world'.

(http://www.ted.com/talks/parag_khanna_how_megacities_are_changing_the_map_of_the_world)

Alexander Betts: 'Our refugee system is failing. Here's how we can fix it'.

(http://www.ted.com/talks/alexander_betts_our_refugee_system_is_failing_here_s_how_we_can_fix_it)

Alice Bows-Larkin: 'We're too late to prevent climate change, here's how we adapt'.
(http://www.ted.com/talks/alice_bows_larkin_we_re_too_late_to_prevent_climate_change_here_s_how_we_a_dapt)

Garth Lenz: 'Images of beauty and devastation: the true cost of oil'.
(http://www.ted.com/talks/garth_lenz_images_of_beauty_and_devastation)

Online Websites/Newspaper Articles:

<https://www.theguardian.com/uk/environment>

https://www.bbc.co.uk/news/science_and_environment

<https://www.nationalgeographic.com/environment/>

<https://www.independent.co.uk/topic/environment>

Documentaries/Films:

'An Inconvenient Truth: Global Warming'

'Before the Flood'

'The 11th Hour'

'A Plastic Ocean'

'Cowspiracy'

Opportunities around London this summer

<https://10times.com/london-uk/waste-management> - Talks and events with a focus on energy and waste

https://www.londonenvironment.net/events_calendar - Talks and fantastic volunteering opportunities

Visit 'The Crystal', the most sustainable building in Europe. The building has a brilliant free exhibition that explores many of the issues facing cities today.

Walking tour of Croydon on 'Edge Cities' (http://www.nationaltrust.org.uk/features/edge-citycroydon?awc=3795_1468008593_bb7ede7d12ed33101b5b189f722c1128&campid=Affiliates_Central_M_em_AWIN_Standard&aff=78888)

Summer Research Project

Climate change is an important and historic geographical process which looks into the past, present and future. But what is the evidence for climate change? What causes it, and what impact will it have on environments and people?

This summer, you are to create a PowerPoint presentation or report based on the past, present and future of climate change.

Things to include:

- Meteorological processes
- Human activity and the enhancing greenhouse effect
- Evidence
- Local and global impact
- Predictions into the future
- How could the impact be reduced?

An excellent starting point will be the GA's 'Investigating Climate Change' page which can be found at this link:

<https://www.geography.org.uk/teaching-resources/weather-climate-change/investigating-climate-change>

However, please use and reference and number of resources and opinions. Remember to think critically about resources you are using – which are the most reliable?

