

Climate Change Programme
Secondary Schools Engagement - Campaign One

Topic: Climate Change	Duration: 1 hour
Session Title: ENERGY	
Aims of session: Understanding different energy sources, renewable Vs non-renewable and the different impacts on the planet. While also understanding how to be energy efficient in school/home and how to take action.	
Themes: Climate change; Energy; taking responsibility for the planet; taking action.	
Example Session Plan for PS3/4:	
Introduction to session and play both videos, both videos have a set of questions for each. For PS4 share both sets of questions to challenge which questions are for each video. ‘An introduction to climate change’ – Young People’s Trust for the environment - http://ypte.org.uk/videos/climate-change (6.15min) Present these questions to the students, to answer while watching the first video. - How is weather described in the video? Weather is what is happening daily outside your window. - How is climate described in the video? Climate is the weather that in a particular area over a long period of time. - What is one way climate is measured? A climate normal - Name the 3 fossil fuels Coal, Oil & Gas - How can we combat climate change? - Switch lights off - Switch appliances off at the wall, - Put an extra layer on instead of turning up the heating, - Shut doors & windows to keep heat in & cold out. - Reduce food waste. - Travel more using public transport. ‘Causes and Effects of Climate Change’ - National Geographic https://www.youtube.com/watch?v=G4H1N_yXBIA (3.04min) Present these questions to the students, to answer while watching the second video.	15min

Supplementary Resources:

1. **A guide to Climate Change for Kids** – <https://climatekids.nasa.gov/kids-guide-to-climate-change/>
2. **How we can adapt to climate change – All over the world? KS4 (5.15mins)** [How we can adapt to climate change - all over the world? | Start here with Climate Adaptation \(youtube.com\)](#)
3. **Environment (Wales) Act 2016 (2.40 minutes)** [Environment \(Wales\) Act 2016 \(youtube.com\)](#)
4. **Greta Thunberg TedXStockhom (11.02min) November 2018**
https://www.ted.com/talks/greta_thunberg_the_disarming_case_to_act_right_now_on_climate_change