

Year 8 Geography Energy and Climate Change Topic

Energy and Climate Change	Knowledge, Skills, Understanding
Higher	Pupils/I: can explain the different types of renewable and non-renewable resources can explain the formation of different types of fossil fuels and how we use these (and renewable energy) to produce electricity can explain the reasons for the increased use of fossil fuels around the world can categorise and explain the impacts of burning fossil fuels in the UK and globally and on people and the environment can explain the greenhouse effect using a range of geographical words can explain the impacts of global warming on people and the environment can discuss differing views on global warming and justify them can evaluate solutions to global warming at different scales can explain how energy consumption can be made more sustainable
Intermediate	Pupils/I: can describe the different types of renewable and non-renewable resources can explain how we produce energy from a renewable and a non-renewable source can state reasons for the increasing use of fossil fuels can categorise and describe the impacts of burning fossil fuels on people and the environment can outline the greenhouse effect can outline the impacts of global warming on people and the environment can explain why people have differing views on global warming can suggest solutions to global warming at different scales can describe how energy consumption can be made more efficient
Foundation	Pupils/I: can identify the different types of renewable and non-renewable resources can state where energy comes from can state reasons for the increasing use of fossil fuels can describe the impacts of burning fossil fuels can define the greenhouse effect can describe the impacts of global warming can explain why people have differing views on global warming can suggest solutions to global warming can describe ways to save energy

NB: direct command = knowledge, 'can'= understanding, 'able to'=skills