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| **What will we be learning?**Climate Change  | **Why this? Why now?**The focus in Year 9 is INTERACTIONS. Climate Change is the greatest threat humans face, therefore an understanding of this issue is vital to be a global citizen. In this topic we will be exploring the interactions humans can have with the climate and how this feedbacks to interact with humans. Climate Change also influences the intensity and frequency of Weather Hazards – our next topic! | **Key Words:**Climate ChangeGreenhouse GasFossil FuelsGlobal WarmingGlobal CoolingGreenhouse EffectGlacial & Interglacial PeriodPhysical CausesMilankovitch CyclesAnthropogenic CausesSea Level RiseEcological BreakdownClimate Change Refugee Low Elevation Coastal ZoneMitigationAdaptation |
| **What will we learn?*** How has our climate changed over time?
* What are the physical causes of climate change?
* What are the anthropogenic causes of climate change?
* What are the global impacts of climate change and for the UK?
* What is an ecological breakdown?
* What is a climate change refugee?
* What can we do about climate change?
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| **What opportunities are there for wider study?**Careers:* Climate Change Analyst
* Environment Agency
* Sustainability Consultant
* Policymaking

Climate Change is the greatest threat humans have faced. Causes, Impacts, Solutions and Policies related to this major issue regularly feature in news stories around the world, as well as the subject of numerous documentaries: <https://www.bbc.co.uk/search?q=climate+change><https://www.bbc.co.uk/news/science-environment-56837908> |
| **How will I be assessed?**We will be assessed through a retrieval practice assessment. This will involve creating and using a rehearsal activity for homestudy to prepare for a ‘Brain Dump’ activity in class. We will use a blank A3 piece of paper to retrieve as much information as we can about the topic from memory with no notes to support. |