

Year 12 Transition Work Part 1b: Physical Geography Research



Research one example of a mitigation strategy aimed to combat climate change and use the 8 headings from the table below to make notes.

You can **select any of these strategies below** or you can research your own.

- <https://www.theguardian.com/environment/2021/sep/09/worlds-biggest-plant-to-turn-carbon-dioxide-into-rock-opens-in-iceland-orca> Carbon capture in Iceland
- <https://hornseaprojects.co.uk/hornsea-project-two> Hornsea 2 Wind turbines
- <https://www.reuters.com/business/energy/solar-power-due-overtake-oil-production-investment-first-time-iea-2023-05-25/> Solar energy
- <https://www.bbc.co.uk/news/science-environment-55795816> Afforestation (tree planting)
- <https://www.bbc.co.uk/news/science-environment-63200589> Seaweed farms
- <https://www.rolls-royce.com/innovation/small-modular-reactors.aspx#section-why-rolls-royce-smr> Small modular nuclear reactors
- <https://www.theguardian.com/environment/2022/nov/27/melting-point-could-cloud-brightening-slow-the-thawing-of-the-arctic> Cloud brightening
- <https://www.bbc.co.uk/news/science-environment-63316362> COP27
- <https://www.carbonbrief.org/in-depth-qa-does-the-world-need-hydrogen-to-solve-climate-change/> Hydrogen gas

Note: Use the links as a starting point and then complete further research if required

You can choose how to write this work up e.g. type it on the table below, type it up on a separate Word / PowerPoint document, write bullet points on a sheet of paper, create a mind map, have each point on a separate revision card. You do whatever you prefer – the main thing is that you go through the process of completing this task, as it will help you with the A level Geography course.

	Task	Information (this can be in note form / bullet points)
1	Give an overview of the mitigation strategy	
2	List any geographical terms that relate to this issue.	
3	A diagram showing how this strategy works - if applicable	
4	List the different stakeholders (groups of people) who may have an	

	opinion towards this issue. <i>Optional:</i> Give a reason for their opinion.	
5	A specific case study where this is being developed/used	
6a	Evaluation - Strengths of the strategy	
6b	Evaluation - Weaknesses of the strategy	
7	Outline your judgement / opinion about the effectiveness of this strategy	
8	Create 5 questions about this issue e.g. Where....What are the Why is....How does.....What might happen if.....?	

Please print out any work that you do.

If there are any problems or you have any questions, then please email me at abbottb@fulford.york.sch.uk

Mr Abbott