

Getting Ready For Environmental Science

Your Name		
A Level Environmental Science	Living Environment Unit	Summer 2023

We are delighted you have chosen to study Environmental Science at Haywards Heath College.

Instructions: This pack will help you make the best possible start to studying this subject.

The tasks in this pack:

- should take you **about 4 hours to complete.**
- should be handed into your teacher when teaching starts **from 11th September 2023 with your name on it for assessment.**
- are also available on the internet – follow the links in the document.

If you need help: The tasks are designed to get a bit more difficult as you work through them as they are preparing you for studying at a higher level and to become an effective independent learner. You should try to get as far as you can working on your own but if you do need help, please email us at info@haywardsheath.ac.uk, telling us which Getting Ready For pack you are working on and what help you need. Help is available throughout the summer holidays.

Skills Focus for this Getting Ready for Pack	
Use of key terminology Evaluation Note taking	Justification using data Research Referencing

Target Grade	Type of task	Task and subject specific skill reference	Deadline
All	Definition of key terms	Task 1: <ul style="list-style-type: none"> Define the following terms: <ul style="list-style-type: none"> Biodiversity Conservation Biomimetics Climate Change Global Warming Make sure to include references for all your definitions 	Start of term from 13 th September 2023
All	Research and explanation	Task 2: Why Biodiversity? <ol style="list-style-type: none"> Read and create a concept map using this link – Why biodiversity is important for children UNICEF Office of Global Insight & Policy Write 50-100 words on how Biodiversity may impact you Something to think about - Biodiversity in 2020: the biggest threats and opportunities Biodiversity The Guardian Research why else Biodiversity may be important on a local/global. Example of a good link - Why is biodiversity important? - Game and Wildlife Conservation Trust (gwct.org.uk) 	from 11 th September 2023
All	Evaluation	Task 3: Preserving Biodiversity <ul style="list-style-type: none"> Watch the video Learning to protect biodiversity - YouTube How can we 'protect' biodiversity? List ideas in a table and note the positives and negatives of each idea Links - 10 things you can do to help biodiversity (www.edu) Biodiversity: Why the nature crisis matters, in five graphics - BBC News <p><i>Make sure to be specific and detailed in your answers.</i></p>	from 11 th September 2023
All	Research and examples	Task 4: Use the link - Climate Change Affects Biodiversity — Global Issues Create a concept map using the link above <ul style="list-style-type: none"> Write in the middle of an A3 sheet – 'Climate Change impacts on Biodiversity' Draw one arrow out from the middle labelled 'changes to the Artic' and list key points from the article. Continue to create new arrows for new topics within the article 	from 11 th September 2023
All	Evaluation	Task 5: Using all information so far <ol style="list-style-type: none"> Evaluate our role in reducing climate change– list 5 strategies we could encourage e.g., using less energy – explain how For each strategy explain the positives and the negatives – what will be the challenges? Why is this important? Has this been done in other countries? 	from 11 ^h September 2023

Extension	News articles	Task 6 Look on the BBC website every week over the summer and collect articles linked to Biodiversity or Climate Change. Highlight any critical or interesting points you find.	from 11th September 2023
Notes:			