Haywards Heath College

Getting Ready For
Geography

Your Name		
A Level Geography	Tectonic Processes and Hazards	Edexcel

We are delighted you have chosen to study Geography 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 14th September 2020** 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	
Research Describing patterns Mapping	Use of key terminology Understanding geographical theories Use of data to justify a point

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Target Grade	Type of task	Task and subject specific skill reference	Deadline
All	Research and describe	Task 1a: The global distribution of earthquakes, volcanoes and tsunamis Using a base world map (available at https://padlet.com/ESBTEC/GRFASgeog) locate the following (make sure to add a key):- 1. Top ten most hazardous earthquakes of the past 15 years 2. Top ten most hazardous volcano eruptions of the past 10 years 3. Top five most hazardous tsunamis of the past 10 years All hazards need to be located on the same map so that you can identify multi hazard patterns. Task 1b: Describe the distribution of these tectonic hazards. (HINT: look for big patterns, look for links between the distribution of these different types of hazards, look for any differences). Each tectonic hazard must be located, and named with the date it occurred. Example:- Indian Ocean earthquake/Boxing Day tsunami, Boxing Day 2004. Death toll: 280,000.	**from 14th September 2020**
All	Research and describe	Listen to the following podcast (you will need to sign into the BBC website – it is free and quick to do) **https://www.bbc.co.uk/programmes/w3csvpg2** Task 2a: explain the evolution of the theory of plate tectonic Task 2b: research and use the podcast to explain what was used by scientists to "prove" the theory of plate tectonics.	**from 14th September 2020**
All	Reading and questions	Task 3a. Read the chapter "An introduction to hazards" and highlight the following (make sure to have different colours): You can find the chapter on the padlet site https://padlet.com/ESBTEC/GRFASgeog 1. Key terms and definitions 2. How different countries (MEDC and LEDC) cope with / are impacted by hazards Task 3b. Answer all the questions on page 14 (there are 5 questions). These need to be developed answers where you give an in-depth, considered response. Make sure that you write the question and then your answer.	**from 14th September 2020**
All	Reading and questions	Task 4 – past and present trends in tectonic hazards Read the scans from the 3 different textbooks. 1. What is the general trend in the number and type of hazards from the 1960s to present? Why is this the case? 2. How do tectonic hazards affect MEDCs (HIC) and LEDCs (LIC) differently? Why is this the case?	**from 14th September 2020**
Extension	Follow up question	Task 5 – answer the following question • Explain why some people are more vulnerable to tectonic hazards than others	**from 14th September 2020**

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		Use your information from tasks 1, 3 and 4 to help you answer this question. Your answer should be approximately half a page long.	
Notes:			