

A Level Geography

Part A - Bridging Work Task

This is a fantastic opportunity to expand your understanding of A Level Geography as you prepare for enrolment and start at Franklin in September.

Please complete the work and bring a copy to your enrolment, either printed or electronically.

The work will take you around **2 hours** so plan your time to best suit you.

How do I complete and submit my task?	<p>Complete the tasks on paper/handwritten or digitally, and bring a copy, either paper or electronically, to your enrolment appointment. Also, bring this along to your first lesson in September.</p> <p>If you didn't attend the Taster Day, don't worry. It isn't essential for completing this work, but please ensure that you have completed this bridging work.</p>
Introduction to your Bridging Task	<p>This task will give you an introduction to the first topic you can expect to study in September, which will be Tectonic Processes and Hazards.</p> <p>The tasks will build your knowledge of the earth's structure and the key concepts connected to tectonics.</p>
Task details	<ol style="list-style-type: none">1. Research the structure of the earth to detail the layers involved. Include a diagram and descriptions of each layer and characteristics along with measurements of thickness.2. Research tectonic processes that are fundamental to understanding the theory:<ol style="list-style-type: none">a. Sea floor spreading – including what type of plate boundary this is associated with, where it is occurring in the world and what it leads to.b. Subduction – including what type of plate boundary this process is associated with, where it is occurring in the world and what features and landforms it leads to.3. Research the development of tectonic theory from the initial idea of continental drift and write up your notes under the following headings:<ol style="list-style-type: none">a. Alfred Wegener – theory of continental drift and his evidence for thisb. Harry Hess and his theory of Sea Floor Spreadingc. Vina and Matthews – paleomagnetic evidence and how this supports sea floor spreadingd. John Tuzo-Wilson – hot spot theory and how this supports tectonic plate movement.e. Dan McKenzie – how his theory of mantle convection helped to bring things together. <p>This website is a great place to start your research: The Geological Society</p>

Resources to help you with the Bridging Task	<p>This video is useful for understanding Wegener’s evidence for continental drift: Link 1</p> <p>This is great for understanding how sea floor spreading was developed as a theory: Link 2</p> <p>These might help to understand palaeomagnetism at mid ocean boundaries: Link 3, Link 4</p> <p>You can also use any other research sources and materials you wish.</p>
Extension Tasks	
Extension Tasks to stretch and challenge you	<p>If you have completed the above to the best of your ability, feel free to try this extension task (<i>this is optional</i>):</p> <p>Complete the worksheet on rate of movement of the Pacific plate: Worksheet</p>
Massive Open Online Courses (MOOCs)	<p>You might enrol on this online course and complete the following to push you a little further (this is optional):</p> <p>Tectonic Hazards - Blended Learning</p> <p>There are many others that are free to access, providing a wealth of knowledge and interesting reading!</p>

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Part B – Preparing for Studying at Franklin

A fantastic opportunity to widen your understanding of the course.

Examining Board and Specification	<p>This course follows the Edexcel A-level Geography specification and covers the following topics:</p> <ul style="list-style-type: none"> • Tectonics processes and hazards • Globalisation • Coastal environments • Regenerating places • The carbon cycle and energy security • The water cycle and water insecurity • Superpowers • Health, human rights and intervention <p>This course will give you a range of skills that are directly transferable to university and employment including data analysis, statistical techniques and interpretation of varied information sources.</p> <p>Geography is a versatile and wide-ranging subject that provides a great understanding of how the world works. It is considered a facilitating subject which teaches skills to prepare you for whatever you end up doing in the future.</p> <p>The full specification for the course can be found on the Edexcel website here.</p>
Preparing for the course	<p>To prepare for the course you could...</p> <p>Read online news articles:</p> <ul style="list-style-type: none"> • The Conversation provides up to date articles from academics and specialists in Geography written in a way that is accessible to all. <p>Listen to podcasts:</p> <ul style="list-style-type: none"> • BBC Radio 4 - Costing the Earth – There are some great podcasts here on a wide variety of geographical issues.