

# 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.

<b>How do I complete and submit my task?</b>	<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>
<b>Introduction to your Bridging Task</b>	<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>
<b>Task details</b>	<ol style="list-style-type: none"><li>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.</li><li>2. Research tectonic processes that are fundamental to understanding the theory:<ol style="list-style-type: none"><li>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.</li><li>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.</li></ol></li><li>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"><li>a. Alfred Wegener – theory of continental drift and his evidence for this</li><li>b. Harry Hess and his theory of Sea Floor Spreading</li><li>c. Vina and Matthews – paleomagnetic evidence and how this supports sea floor spreading</li><li>d. John Tuzo-Wilson – hot spot theory and how this supports tectonic plate movement.</li><li>e. Dan McKenzie – how his theory of mantle convection helped to bring things together.</li></ol></li></ol> <p>This website is a great place to start your research: <a href="#">Pioneers of Plate Tectonics</a></p>

--	--

<b>Resources to help you with the Bridging Task</b>	<p>This video is useful for understanding Wegener’s evidence for continental drift: <a href="#">Link 1</a></p> <p>This is great for understanding how sea floor spreading was developed as a theory: <a href="#">Link 2</a></p> <p>These might help to understand palaeomagnetism at mid ocean boundaries: <a href="#">Link 3</a>, <a href="#">Link 4</a></p> <p>You can also use any other research sources and materials you wish.</p>
<b>Extension Tasks</b>	
<b>Extension Tasks to stretch and challenge you</b>	<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: <a href="#">Worksheet</a></p>
<b>Massive Open Online Courses (MOOCs)</b>	<p>You might enrol on this online course and complete the following to push you a little further (this is optional):</p> <p><a href="https://www.open.edu/openlearn/science-maths-technology/geology/plate-tectonics/content-section-0?intro=1">https://www.open.edu/openlearn/science-maths-technology/geology/plate-tectonics/content-section-0?intro=1</a></p> <p>There are many others that are free to access, providing a wealth of knowledge and interesting reading!</p>

# A Level Geography

## Part B – Preparing for Studying at Franklin

A fantastic opportunity to widen your understanding of the course.

<p><b>Examining Board and Specification</b></p>	<p>This course follows the Edexcel A-level Geography specification and covers the following topics:</p> <ul style="list-style-type: none"> <li>• Tectonics processes and hazards</li> <li>• Globalisation</li> <li>• Coastal environments</li> <li>• Regenerating places</li> <li>• The carbon cycle and energy security</li> <li>• The water cycle and water insecurity</li> <li>• Superpowers</li> <li>• Health, human rights and intervention</li> </ul> <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 <a href="#">here</a>.</p>
<p><b>Preparing for the course</b></p>	<p><b>To prepare for the course you could...</b></p> <p><b>Read online news articles:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">The Conversation</a> provides up to date articles from academics and specialists in Geography written in a way that is accessible to all.</li> </ul> <p><b>Listen to podcasts:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">BBC Radio 4 - Costing the Earth</a> – There are some great podcasts here on a wide variety of geographical issues.</li> <li>• <a href="#">Royal Geographical Society - Ask the geographer podcasts</a> - A fantastic set of podcasts to keep up-to-date with the latest geographical research – pick out some that interest you and give them a go!</li> </ul>