

# GEOGRAPHY A-LEVEL PRE-COURSE TASK

It is great you have signed up to study Geography at A-Level. Discovering the world we live in is great fun! To help you prepare there are some required tasks below which will help you bridge the gap from GCSE Geography to A-Level and give you a taste of A-Level standard work.

## Area of study 1: Coastal Landscapes and Change; Tectonic Processes and Hazards; Water Cycle and Water Insecurity; Carbon Cycle and Energy Security

1. Choose one or more of the following investigations and produce a short powerpoint or essay on each:

- A. Investigate a selection of the following scientists to discover their contribution to the evidence pointing towards plate tectonic theory: Arthur Holmes; Kiyoo Wadati; Harry Hess; Fred Vine; and Dan McKenzie.
- B. Investigate Chesil Beach (see image to the right) and the theories behind its formation along with the contemporary threats to it.
- C. Investigate what made communities vulnerable or resilient in one or more of the following disasters: 2023 Turkey-Syria earthquake; 2010 eruptions of Eyjafjallajökull in Iceland; 2004 Indian Ocean tsunami.



2. Geographers use a systems approach to simplify and explain key physical processes. Use this systems approach to create a diagram / list for one or more of the following systems:

- A. Drainage basin water cycle (inputs, outputs, sources and flows)
- B. Coastal system (inputs, processes, outputs)
- C. Carbon cycle (sources, processes and fluxes)

## Area of study 2: Dynamic Places - Regenerating places

1. Research changes in Birmingham and St Austell (Cornwall) and then write an answer to both of the following two questions:



a. Explain how the city of Birmingham has transformed itself.



b. Evaluate how far the Eden Project development has been a success.

2. Find out what is meant by 'attachment to place' and 'sense of place'. Create a poster defining the two terms along with showing what Reading's sense of place is and what your attachments to this place are.