



# A Level Geography Transition Pack AQA

## **Introduction**

It is great that you are considering studying Geography at A Level. This pack contains a programme of activities and resources to prepare you to start an A Level in Geography in September. It is aimed to be used after you complete your GCSE throughout the remainder of the summer term and over the summer holidays to ensure you are ready to start your course in September.

The pack is divided into some of the key topics you will study in A level Geography: Coasts, Water and Carbon Cycles, Globalisation and Changing Places. There are a range of different activities to do in each topic area.

### Contents

1. Reading Lists
2. Knowledge topics;
  - I. Coasts

Other topics include: these you can look into yourself as extension exercises:

- II. Water Cycle
- III. Carbon Cycle
- IV. Globalisation
- V. Changing Places

If you need any help or advice please contact Mrs Savill [chsavill@stpetershuntingdon.org](mailto:chsavill@stpetershuntingdon.org)

## 1. Reading for A - level Geography

In A Level Geography it is expected that you can demonstrate to the examiners that you have been partaking in wider reading. Below is a list of journals and websites you could use over the next two years and beyond in university.

The list below is the name of the text books that are published by the specific exam boards which you may be able to look at

Journals are a good way of keeping up to date with what's happening in the world of geography. You can subscribe for a year or buy individual past publications. Some journals are also available in the school library for you to read.

*Some good Geography magazines are:*

Geography Review <https://www.hoddereducation.co.uk/subjects/geography/products/16-18/geography-review>

Geographical <https://geographical.co.uk/>

You need to be aware of current global events that are related to the units you will be studying; so look out for things in the news to do with the topics we are studying. You can use Google Alerts to make this easier <http://www.google.co.uk/alerts?hl=en>

There are also many good websites you can use. News website are partially good at keeping you informed and up-to-date.

[www.bbc.co.uk](http://www.bbc.co.uk)

<http://www.telegraph.co.uk>

<https://www.theguardian.com/uk>

<http://www.nationalgeographic.com/>

## 2. Knowledge and Skills topics.

### i. Coasts



### Independent Research

1. How does the geological structure of the coast influence the development of coastal landscapes?  
<https://www.bgs.ac.uk/map-viewers/bgs-geology-viewer/>
2. What effect will sea level rise have on coastlines?  
<http://www.theguardian.com/environment/sea-level>
3. Why is Bangladesh so at risk from coastal flooding?  
[https://www.coolgeography.co.uk/A-level/AQA/Year%2012/Rivers\\_Floods/Flooding/Bangladesh/Bangladesh.htm](https://www.coolgeography.co.uk/A-level/AQA/Year%2012/Rivers_Floods/Flooding/Bangladesh/Bangladesh.htm)
4. Find four images representing a range of mass movement along the coastline. Annotate them in detail and include examples of where they have occurred around the world
5. What is the difference between eustatic and isostatic sea level change?

## Pre Knowledge Topics - Coasts

1. Use GIS (Google Earth) to map of a variety of coastal landscapes in the UK and around the world  
*This is a really good tool to download onto your laptop that you use at home. It's free!*
2. Draw field sketches of contrasting coastlines
3. Annotate images to show a range of approaches to coastal management and their environmental impact
4. Create a map of the sediment cells around the UK
5. Sketch and annotate a recurved spit to show its formation
6. Annotate diagrams to show the different types of erosion and transportation at the coast
7. Draw sketches of concordant and discordant coastlines
8. Draw and annotate the formation of a stump
9. Find the definition for the following words:
  - Abandon the line
  - Abrasion
  - Accretion
  - Advance the line
  - Arch
  - Attrition
  - Backwash
  - Bar
  - Benefit cost ratio
  - Berm
  - Beach nourishment
  - Blow-hole
  - Breaching
  - Blow-hole
  - Breaching
  - Constructive waves
  - Concordant geology
  - Corrosion
  - Cusp
  - Cuspate foreland
  - Defend the line
  - Deltas
  - Destructive waves
  - Differential coastline
  - Discordant geology
  - Diurnal range
  - Dunes
  - Eustatic
  - Fetch
  - Fjord
  - Flocculation
  - Flood
  - Frequency
  - Gabion
  - Geo
  - Groynes
  - Halophytes
  - Hard engineering
  - High energy coast
  - Hold the line
  - Hydraulic action
  - Isostatic change
  - **Isthmus**
  - Longshore drift
  - Low energy coastline
  - Magnitude
  - Managed retreat
  - Mass movement
  - **Plagioclimax**
  - **Psammosere**
  - **Recession**
  - **Recurrence interval**
  - Retreat the line
  - Return period
  - Revetment
  - Ria
  - Runnel
  - Saltation
  - Sediment cell
  - Sediment sink
  - Slumping
  - Soft engineering
  - Spit
  - Spring tide
  - Stack
  - Subaerial erosion
  - Surges
  - Swash
  - Swell
  - Tidal bore
  - Tidal range
  - Tombolo
  - Wave cut platform
  - Wave crest
  - Wave energy
  - Wavelength
  - Wave refraction
  - Wave trough