

Transition Materials for A Level Geography





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 focused upon coastal landscapes, as this is one of the main parts of the Year 12 course.

We also plan to carry out coasts-related fieldwork at the end of September. The work in this pack is vital background preparation for the trip. The fieldwork will be investigating changes on a sand dunes ecosystem at Ainsdale.

Please take the time to complete this independent task. It will help you when you start the course in September!

We will be reviewing and using the work in the lessons in September.



Reading list for A - level Geography

At 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 books/journals and websites you could use over the next two years and beyond in university.

We strongly recommend purchasing the exam board students guides:

Eduqas A- level Geography Student Guide- Coastal landscapes and Tectonic hazards.

Eduqas A-Level Geography Student Guide – Changing Places

The list below is the name of the text books that are published by other exam boards, but will still provide useful information.

AQA - A/AS Level Geography for AQA Student Book (Cambridge)	https://www.cambridge.org/ukschools/subjects/geography/level-geography/aqa/level-geography-aqa-student-book/
AQA - AQA Geography - A Level and AS Student Book (OUP)	https://global.oup.com/education/product/9780198366515/?region=international
AQA - AQA A-level Geography Fourth Edition (Hodder)	https://www.hoddereducation.co.uk/Product?Product=9781471858697
EDEXCEL - Edexcel GCE Geography Y2 A Level Student Book and eBook (Person)	http://www.pearsonschoolsandfecolleges.co.uk/Secondary/Geography/16plus/EdexcelGeographyALEvel2016/ISBN/Other/Student-Books/Edexcel%20A2%20Year%202%20Geography%20%20Student%20Book%202%20and%20ActiveBook.aspx

This is a list of some books you might want to consider

Geography: An Integrated Approach Fourth Edition	https://global.oup.com/education/product/9781408504079/?region=international
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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 good Geography magazines are:

Geography Review, Go to: <http://www.philipallan.co.uk/geographyreview/index.htm>



Geographical, Go to: <http://www.geographical.co.uk/Home/index.html>

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.

News websites include –

www.bbc.co.uk

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

You can also use websites like –

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

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

<http://www.gatm.org.uk/>

Finally, there are a plethora of websites offering you help with the subject content. Many will cover topics you don't study and most are based on the old specifications or different exam boards so check the content is relevant to you when using these sites.

www.geographyiseverything.co.uk

www.coolgeography.com

iii. Coasts



<http://www.onegeology.org/extra/kids/images/tides.jpg>

Independent Research

Coasts

1. Use GIS (Google Earth) to map of a variety of coastal landscapes in the UK and around the world. Label the named examples you find, plus write a description of the landscapes and coastal features that are there.
2. Annotate diagrams to show the different types of erosion and transportation at the coast.
3. Find a location map of Ainsdale sand dunes. Describe the location within the UK.
4. Find a diagram of a sand dune profile (side view) What changes take place from the sea with increasing distance inland?

5. Find the definition for the following words. We will be using this work bank throughout the course:

Term	Definition
<i>Abandon the line</i>	
<i>Abrasion</i>	
<i>Accretion</i>	
<i>Advance the Line</i>	
<i>Arch</i>	
<i>Attrition</i>	
<i>Attrition</i>	
<i>Backwash</i>	
<i>Bar</i>	
<i>Benefit cost ratio</i>	
<i>Berm</i>	
<i>Beach nourishment</i>	
<i>Blow –hole</i>	
<i>Breaching</i>	
<i>Char</i>	
<i>Constructive waves</i>	
<i>Concordant geology</i>	
<i>Corrasion</i>	
<i>Corrosion</i>	

<i>Cusp</i>	
<i>Cuspate foreland</i>	
<i>Defence line</i>	
<i>Deltas</i>	
<i>Destructive waves</i>	
<i>Differential erosion</i>	
<i>Discordant geology</i>	
<i>Diurnal range</i>	
<i>Do Nothing</i>	
<i>Downdrift</i>	
<i>Dunes</i>	
<i>Eustatic</i>	
<i>Fetch</i>	
<i>Fiord</i>	
<i>Flocculation</i>	
<i>Flood</i>	
<i>Frequency</i>	
<i>Gabion</i>	
<i>Geo</i>	
<i>Groyne</i>	
<i>Halophytes</i>	
<i>Hard engineering</i>	

<i>High energy coast</i>	
<i>Hold the line</i>	
<i>Hydraulic action</i>	
<i>Isostatic</i>	
<i>Isthmus</i>	
<i>Longshore drift</i>	
<i>Low energy coast</i>	
<i>Magnitude</i>	
<i>Managed retreat</i>	
<i>Mass Movement</i>	
<i>Plagioclimax</i>	
<i>Psammosere</i>	
<i>Recession</i>	
<i>Recurrence interval</i>	
<i>Retreat the line</i>	
<i>Return period</i>	
<i>Revetment</i>	
<i>Ria</i>	
<i>Runnel</i>	
<i>Saltation</i>	
<i>Sediment cell</i>	
<i>Sediment sink</i>	

<i>Slumping</i>	
<i>Soft Engineering</i>	
<i>Spit</i>	
<i>Spring tide</i>	
<i>Stack</i>	
<i>Subaerial erosion</i>	
<i>Surges</i>	
<i>Swash</i>	
<i>Swell</i>	
<i>Tidal bore</i>	
<i>Tidal Range</i>	
<i>Tombolo</i>	
<i>Updrift</i>	
<i>Wave cut platform</i>	
<i>Wave crest</i>	
<i>Wave energy</i>	
<i>Wavelength</i>	
<i>Wave period</i>	
<i>Wave steepness</i>	
<i>Wave refraction</i>	
<i>Wave trough</i>	
<i>Weathering</i>	



