

## Year 12 Induction Task

### Task One

#### Purchase the following:

- A4 Ring binder
- Plastic document wallets
- Plastic dividers
- Labels
- A4 lined paper
- Highlighter pens

### Task Two

Using the following link:

<http://qualifications.pearson.com/content/dam/pdf/A%20Level/Geography/2016/specification-and-sample-assessments/Edexcel-AS-Level-Geography-Spec.pdf>. Print out the module overview for each unit of work in your, placing this in correct section of your folder.

#### Landscape Systems, Processes and Change

- Tectonic Processes and Hazards
- Coastal Landscapes and Change

#### Dynamic Places

- Globalisation
- Regenerating Places

Organise your folder by creating a clearly labelled section for each unit.

### Task Three

Within A-level geography, those students who actively undertake wider reading around the units being studied often perform more highly. In order to get you thinking about the approach that you need to undertake to additional reading you need to access the following articles and create a table (outline below) to record the relevant reading for each unit.

#### Tectonic processes and Hazards

- Haiti Earthquake Event 2010: <http://news.bbc.co.uk/1/hi/8455629.stm>
- What the Haiti Earthquake taught us about disaster response: <https://www.weforum.org/agenda/2015/01/what-the-haiti-earthquake-taught-us-about-disaster-response/>
- The impact of NGOs in Haiti: <https://www.americamagazine.org/politics-society/2018/02/22/are-ngos-haiti-doing-more-harm-good>

#### Coastal Landscapes and Change

- Slapton Ley Shoreline Management Plan: <http://www.slaptonline.org/news/news.php?id=66>
- History of Slapton Ley: [http://fsj.field-studies-council.org/media/3261364/fs2017\\_denbigh.pdf](http://fsj.field-studies-council.org/media/3261364/fs2017_denbigh.pdf)

Undertaking your own research, find two further articles that link to an element of the specification for coastal landscapes and change, adding them to the table that you have started to create.

Title of article	Source	Theme	Specification link	Summary of key points
SMP 2009	Slapton Line Partnership	Shoreline Management Plans	<b>2B.11</b> There are different approaches to managing the risks associated with coastal recession and flooding.	(Max. 150 Words)

### Task Four

Create a glossary of key terms for the unit title 'Tectonic Processes and Hazards' and 'Coastal Landscapes and Change'.

#### Tectonic processes and Hazards

You need to include the following: Lithosphere, asthenosphere, core, mantle, continental crust, oceanic crust, hot spots, sub-duction zone, benioff zone, island arc, convergent plate margin, divergent plate

margin, conservative plate margin, instructive volcanic landforms, batholiths, dykes, sills, basaltic lava, andesitic lava, basic/ shield volcanoes, composite cones, solfatara, geysers, magnitude, primary response, secondary response, primary impact and secondary impact.

### **Coastal Landscapes and Change**

You need to include the following: Geology, littoral Zone, hydrological cycle, concordant coastline, discordant coastline, terrestrial, proxy records, geomorphology, Haff coast, Dalmatian coast, submergent, emergent, morphology, sedimentary rock, igneous rock, metamorphic rock, basalt, unconsolidated, lithology, permeable, impermeable, recession rate, constructive wave, destructive wave, temporal, hydraulic action, attrition, abrasion, solution, sediment cell, dynamic equilibrium, succession, longshore drift, tombolo, cusped forelands, rotational slump, blockfall, mass movement, rotational scars, talus screes, terraced cliff profiles. Fossil cliffs, relict coastlines, fjords, raised beaches, rias, isostatic, eustatic, accretion, sub aerial processes, depression, tropical cyclones, environmental refugees, beach nourishment, cliff regarding, dune stabilisation, revetments, terminal groyne effect, inter-coastal zone management, shoreline management plan, strategic realignment, holistic approach and beach profiles.

### **Task Five**

Construct a mind map that outlines how governance links to tectonic hazards, drawing upon examples e.g. how governance influences a country's ability to prepare for, respond to and recover from a hazard event. You could include branches with the titles: preparation, capacity to cope/respond and recovery.

### **Task Six**

Construct a resource/ information page summarising why the coastline needs management and the role of different players. You may wish to discuss:

- The role of management including shoreline management plans and how this results in conflict between stakeholders
- Why the coastline needs protecting (reduction of environmental refugees, social and economic losses)
- The various approaches to management making reference to both hard and soft engineering strategies, sustainability and integrated coastal zone management