



# THOMAS MILLS HIGH SCHOOL

## GEOGRAPHY



### A LEVEL TRANSITION

Welcome to A Level Geography! You can expect an engaging and varied two years of teaching in this course, with four fieldtrips and a range of relevant and interesting topics to learn.

All of the topics learnt have applications to the real world and are dynamic (they are always changing), with the opportunity to really focus in on topics of your interest in the second year of the course.

Before you start, complete the bridging work to start to apply your skills and knowledge to the course- the bridging work is aimed at the year 12 content and will give you a boost in understanding of some of the topics we will be studying.

If you need any help or guidance, get in touch with the course teachers:

Miss Miller [smiller@thomasmills.suffolk.sch.uk](mailto:smiller@thomasmills.suffolk.sch.uk)

Mrs Faulds [nfaulds@thomasmills.suffolk.sch.uk](mailto:nfaulds@thomasmills.suffolk.sch.uk)

Mr Cann [acann@thomasmills.suffolk.sch.uk](mailto:acann@thomasmills.suffolk.sch.uk)

Miss Smith-Howell [zsmith-howell@thomasmills.suffolk.sch.uk](mailto:zsmith-howell@thomasmills.suffolk.sch.uk)

If you are on twitter, follow these geography accounts to keep up to date:

- OCR Geog @OCR\_Geography
- National Geographic @Natgeo
- UN @UN

#### **A level geography**

We will be studying the OCR GCE Geography course.

#### **In Year 12 you will study:**

Landscape and place: Coastal landscapes

: Changing spaces, making place

Geographical debates: Hazardous Earth

Earth's life support systems: Carbon and water cycle

#### **In Year 13 you will study:**

Human interactions: Global migration and global trade

: Power and borders and human rights

Geographical debates: Climate Change

Independent investigation

### Task 1:

Get a folder ready to store your A level notes. Print the specification for your folder (A level) downloadable at the OCR website.

### Task 2: Preparation tasks for Coastal landscapes

1. Research and write a report on how changing sea levels effect coastal landforms. You can use the internet, text books, youtube videos and any other sources. Write this report on this and include the following:
  - a. What causes a rise or fall in sea level (there are many – try eustatic, isostatic and tectonic sea level changes)
  - b. How has sea level changed over time?
  - c. How is sea level likely to change in the near future?
  - d. What coastal landforms are caused by:
    - i. A rise in sea level (submergent landforms)
    - ii. A fall in sea level (emergent landforms)

Useful links:

Youtube video on sea level change

<https://www.youtube.com/watch?v=J6KH6NpFgzY>

Interesting website:

<https://www.bgs.ac.uk/discoveringGeology/climateChange/general/coastal.html>

<https://earthdata.nasa.gov/learn/articles/podaac-sea-level-change-animation>

In your report use diagrams, maps and examples.

2. Coastal landforms of deposition. Research how the following landforms are produced:
  - a. Cuspate forelands
  - b. Shingle ridges
  - c. Tombolos
  - d. Spits
  - e. Bars
3. Landforms of coastal erosion. Research how the following landforms are produced:
  - a. Caves, arches, stacks.
  - b. Geos and blow holes
  - c. Concordant and discordant coasts.

In your research use diagrams, maps and examples.

Youtube videos:

<https://www.youtube.com/watch?v=OSRXjWA5VgE>

<https://www.youtube.com/watch?v=OSRXjWA5VgE>

### Task 3: Preparation for Changing spaces, making places

Compile the factfile about your local area (e.g.: Framlingham, Woodbridge, Debenham, Ipswich) as a place, with as many facts as possible in each box.

Physical Geography (altitude, slope steepness, geology)	Built Environment (age and style of buildings, density of housing, services)
Demography (number of inhabitants, age and gender)	Socio-economic (employment, income, family status and economy)
Cultural (religion, local traditions, ethnicity)	Political (local, regional and national government)

You can start with the local council's website (e.g.: Suffolk Coastal, Mid Suffolk, Ipswich, ONS) and looking for census information or secondary sources online, you can also go for a walk in the main street in your area to collect information about what is there (look up at main buildings and see if there is a year that they were built on the wall).

### Task 4: Preparation for Climate change

Complete a detailed, A3 poster, on the evidence for and the effects of Climate Change. To complete this use the NASA website. <https://climate.nasa.gov/> Take time to explore this website to develop your understanding of Climate Change and the ongoing research to better understand the changes it is bringing to our planet. Make use of diagrams and pictures to illustrate your poster, but make sure that you include them in any writing that you do.

