

**Task 1: Introduction to GIS**

You have been emailed a copy of a PPT which will give you an introduction and activity to complete as an introduction to GIS – Global Information Systems. GIS will be VERY important for your fieldwork later in the year. Task 1 is based on a familiar case study – Typhoon Haiyan. Save a copy of the PPT to your computer and work through the tasks. If you get stuck there is a video to help you – available through the VAR links in the PPT. The voice Alistair Hamill, a renowned GIS and Geography Teacher from Northern Ireland. Send your finished work to sarah.gregory@kingsthorpecollege.org.uk

**Task 2: Changing Places**

This section of our specification focuses on people's engagement with places, their experience of them and the qualities they ascribe to them, all of which are of fundamental importance in their lives.
Look at the two sources on the word document. One is a poem and one is a map of London with a GIS diversity layer added.
Answer the following question: How can changing demographic and cultural characteristics cause conflict but also shape a location? Use the sources on the word document to help you to answer this question.

**Task 3: Coastal Management**

A) Read through the Geofile and make notes under each of the following headings:

1. The geology of the coastline.

2. Why a strategy was needed.

3. Why each area should/shouldn’t be protected.

B) Visit the Google Earth storymap on the Padlet link below and click through the information on the map to find out what is happening at Cromer and Happisburgh. Each coloured dot will give you a range of information about the two coastal towns in Norfolk. The larger the circle, the greater the amount of erosion in that location. Plan and answer the question:

*“For any named stretch of coastline evaluate the success of the coastal management strategies adopted”* (12 marks) You can also do additional research, but include links to any sources that you have used. Send your answer to sarah.gregory@kingsthorpecollege.org.uk

C) Give your views on the question "You want to be less reliant on hard engineering at the town and you need to protect the habitat of the salt marsh. How would you manage this coastline and why?"

A Level Geography Transition Work

Welcome to A Level Geography. We can’t wait to begin the course with you. Please complete the tasks below and return them in September. Some tasks are online. Please follow the instructions carefully. You can send your work or bring it in September.



**QR Code and Padlet Link**

Scan this code if you wish to access the Padlet with all tasks on.

Or go to <https://padlet.com/fionaold/q88mk8jqatnqj8kk> to access an online version of the tasks.

**Task 5: Population and the Environment**

For your final task you will be investigating the prevalence of Malaria.

1. What is malaria? What are the symptoms? What happens then you are bitten?
2. What is the global distribution of malaria?
3. What **physical factors** encourage/discourage malaria carrying mosquitoes?
4. Impact of **socio-economic environment** on malaria prevalence
5. Impact of **malaria on people**
6. How malaria is treated and can be reduced

Create a factsheet on Malaria which covers the bullet points above. You must write in your own words and include any information sources as a bibliography.

**Task 4: Population and the Environment**

You are going to do a bit of an experiment! Visit <https://www.bitesizedgardening.co.uk/what-are-the-main-types-of-soil/> and make notes on the types of soil. Particularly sand, silt and clay.

Now visit the Padlet site and follow the instructions to create your own soil sample.

Create a presentation of what you did, and what you found out. This could be in the form of a video, written presentation or PPT. You can do this in your garden or if you are without a garden, you may need to take a trip to a local park to take a sample.

You could take more than one sample from different areas around where you live to see whether or not the soil type changes.

Follow the instructions very carefully and record each step. Email your presentation or send a link (if it is a video) to sarah.gregory@kingsthorpecollege.org.uk

Reading List A-Level Geography

**Recommended reading for each topic:**

**Hazards:**

**Reading:**

Michael Eric Dyson (2007) - Come Hell or High Water: Hurricane Katrina and the Color of Disaster

Richard Lloyd Parry (2018) - Ghosts of the Tsunami: Death and Life in Japan

Robert Muir-Wood (2016) - The Cure for Catastrophe: How We Can Stop Manufacturing Natural Disasters

**Radio Programmes:**

Eyjafjallajokull: The Icelandic Volcano Eruption - <https://www.bbc.co.uk/sounds/play/b00s6rx6>

Hurricane Katrina - <https://www.bbc.co.uk/programmes/p030csbv>

Tohoku Disaster StoryMap [https://earth.google.com/web/data=MicKJQojCiExYkp2ZExTci1QZm5FdUFHS2pYdXo1M3MzY2xQejFfU0U6AwoBMA?authuser=0](https://earth.google.com/web/data%3DMicKJQojCiExYkp2ZExTci1QZm5FdUFHS2pYdXo1M3MzY2xQejFfU0U6AwoBMA?authuser=0)

**Population:**

**Reading:**

Sarah Harper - How Population will Transform our World

Mike Berners-Lee (2019) - There Is No Planet B: A Handbook for the Make or Break Years

Paul Collier (2008) - The Bottom Billion: Why the Poorest Countries are Failing and What Can Be Done About It

**TV:**

Hans Rosling: Don't Panic (BBC) - <https://www.youtube.com/watch?v=FACK2knC08E>

**Changing Places:**

**Reading:**

Richard Philips – Changing Places (document download from RGS website) –

[https://www.rgs.org/schools/teaching-resources/changing-place;-changing-places/](https://www.rgs.org/schools/teaching-resources/changing-place%3B-changing-places/)

Belfast Case study Google Earth [https://earth.google.com/web/data=MicKJQojCiExa2QwZ0Z2bDRpOWg5TkpJWk1xdG9OaXhEYjYxNnJ3TWM6AwoBMA?authuser=0](https://earth.google.com/web/data%3DMicKJQojCiExa2QwZ0Z2bDRpOWg5TkpJWk1xdG9OaXhEYjYxNnJ3TWM6AwoBMA?authuser=0)

**Coastal Systems:**

**Radio:**

The Dark Future of Tuvalu - <https://www.bbc.co.uk/sounds/play/p03kc4kk>

**TV:**

Coast - BBC Series (some available via YouTube or iPlayer)

Holderness Coast StoryMap [https://earth.google.com/web/data=MicKJQojCiExUG1POHEtSFNkWGZ1Z1pLRTB1R3U4WkFHeGdId2dPZVc6AwoBMA?authuser=0](https://earth.google.com/web/data%3DMicKJQojCiExUG1POHEtSFNkWGZ1Z1pLRTB1R3U4WkFHeGdId2dPZVc6AwoBMA?authuser=0)

**Global Systems and Global Governance:**

**Reading:**

Tim Marshall (2016) - Prisoners of Geography: Ten Maps That Tell You Everything You Need to Know About Global Politics

Tim Marshall (2018) - Divided: Why We're Living in an Age of Walls

Gabrielle Walker (2013) - Antarctica: An Intimate Portrait of the World's Most Mysterious Continent

Peter Frankopan (2018) - The New Silk Roads: The Present and Future of the World

**Water and Carbon Cycles:**

**Books:**

Oliver Morton (2016) - The Planet Remade: How Geoengineering Could Change the World

Drainage basins: <https://river-runner.samlearner.com/>

**Radio:**

The Amazon Rainforest - <https://www.bbc.co.uk/programmes/p0359whc>

**Additional Resources (useful for the whole course**)

**Books:**

Danny Dorling and Carl Lee (2016) - Geography: Ideas in Profile

**TV:**

Unreported World - a range of topics, Channel 4 Series (all on All4 online)

Earth – BBC Series (DVD)

**Newspapers/Magazines:**

National Geographic Magazine

Keeping up to date with current affairs through regular news watching/reading is vital for A-level Geography

**Websites:**

Geographical Association

Royal Geographic Society