## Bridging work - A level Geography @ Meadowhead

Hoping to study Geography at A level? There are a number of things you can do to give you a head start:

- Developing as a geographer through general reading around/watching videos/listening to podcasts etc the geography subject to develop your geography knowledge and understanding.
- 2. Become a News Buff- Watch the news- BBC news between 6am-9am or at 6pm. Or get on the BBC news app? Other websites such as the Guardian, The Independent, The Times. Create a Geography in the News Diary of all things that are relevant to what you are studying?
- 3. Preparing for the A Level Course- Starting to explore the first topics and the key vocabulary you will need to master them.
- 4. Take an interest in the real world around you Good geographers take an interest in the world around and try to explain events and changes that are occurring, using evidence from primary and secondary data.

Human Geography topics – Paper 2 30%

#### Outline of course content

Physical Geography topics – Paper 1 30%

Water & carbon cycles

| <ul> <li>The water cycle and water insecurity</li> <li>The carbon cycle and energy security</li> <li>Tectonic Processes and landscape</li> <li>Glaciated landscapes and change</li> </ul>   | <ul> <li>Globalisation</li> <li>Regenerating places</li> <li>Superpowers</li> <li>Health, human rights &amp; intervention</li> </ul>   |
|---|--|
| Paper 3 – The synoptic paper 20%  | Paper 4 – The NEA 20%  |
| The synoptic paper will be based on a geographical issue within a place-based context that links to the three synoptic themes (players, actions & attitudes and futures) and is rooted in two or more of the following themes:  • Globalisation  • Superpowers  • Tectonics | The student defines a question or issue for investigation, relating to any aspect of geography contained within the specification The student's investigation will incorporate fieldwork data (collected individually or as part of a group) and own research and/or secondary data to investigate their question/issue. |

#### LISTEN: PODCASTS

 Costing the Earth- There are some great podcasts here to pick from on a wide variety of geographical issues.

https://www.bbc.co.uk/programmes/b006r4wn/episodes/player (many topics including climate change, carbon, urban greening, deforestation, alternative powers, plastics (etc)

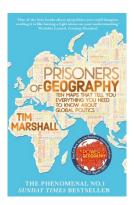
BBC – The Inquiry

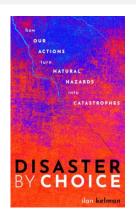
<u>https://www.bbc.co.uk/programmes/p029399x -</u> A set of podcasts to keep A Level studies up to date with the latest geographical topics in the news

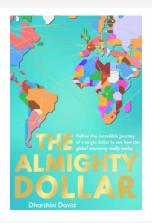
Links to general podcasts

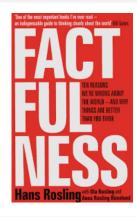
https://eternalexploration.wordpress.com/2016/01/04/top-10-podcasts-for-geography-students/-this has a number of different links to geography podcast, specifically targeted to Geography students. Definitely recommend the TED talks.

#### **READ: BOOKS**









#### **READ: NEWS ARTICLES**

THE CONVERSATION.COM <a href="http://theconversation.com/uk">http://theconversation.com/uk</a>

we highly recommend you use this This you will find is really useful to support many of your A Levels. It provides up-to-date articles from academics and specialists in the field written in a way that is accessible to all, summarising key points in short but insightful articles.

BBC NEWS https://www.bbc.co.uk/news

an excellent source of up{o-date articles - explore the key headings such as Science, as well as the UK, World and other stories.

THE GUARDIAN https://www.theguardian.co.uk

Many useful articles and logically ordered - keep an eye on the Environment, Science, Society, Global Development stories in particular!

#### WATCH: DOCUMENTARIES

- NETFLIX: Before the Flood
- BBC Panorama: Climate Change: What can we do?
- NETFLIX: The Future of Water
- BBC: Greta Thunberg: A Year to Change the World.

## 1. Developing a geographer

Look at the examples of super-curricular resources on the previous page

TASK: Pick one resource (either a podcast, book, online article, documentary) and complete the review below to summarise what you have found out from listening, reading or watching the resource.

| NAME OF RESOURCE: |  |  |
|-------------------|--|--|
|                   |  |  |
| A level           |  |  |
| topics            |  |  |
| covered.          |  |  |
| Summary of        |  |  |
| key points        |  |  |
| (aim to give      |  |  |
| no more           |  |  |
| than 6).          |  |  |
|                   |  |  |
|                   |  |  |
|                   |  |  |
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|                   |  |  |
|                   |  |  |
|                   |  |  |
| Questions         |  |  |
| or areas for      |  |  |
| further           |  |  |
| study you         |  |  |
| have.             |  |  |
|                   |  |  |
|                   |  |  |
|                   |  |  |

#### 2. Become a news buff

TASK: Complete the fact file below for one news article that you have seen and read that relates to the geography course over the summer holidays – the date of the article must be recent!

| De recent.                                   |  |
|--|--|
| Headline, Source & Date                      |  |
|  |  |
| Location                                     |  |
|  |  |
| Key ideas/event s that have happened?        |  |
| How is it linked to the geography course     |  |
| Your opinion on the contents of the article. |  |

# 3. Preparing for the A-Level Course – learn the vocab

TASK: Complete glossary sheet for enquiry question 1 of the water unit.

| Enquiry question 1: What are the processes operating within the hydrological cycle from global to local scale? |  |
|--|--|
| aquifer  |  |
| base flow  |  |
| catchment<br>area  |  |
| channel flow   |  |
| channel<br>storage   |  |
| closed<br>system   |  |
| convectional rainfall  |  |
| cryosphere   |  |
| discharge  |  |
| drainage<br>basin  |  |
| evaporation  |  |

| evapotranspiration     |  |
|------------------------|--|
| infiltration capacity  |  |
| flux                   |  |
| frontal rainfall       |  |
| groundwater            |  |
| groundwater flow       |  |
| groundwater<br>storage |  |
| infiltration           |  |
| input                  |  |
| interception           |  |
| orographic rainfall    |  |
| output                 |  |
| percolation            |  |

| precipitation                     |  |
|-----------------------------------|--|
| reservoirs                        |  |
| residence time                    |  |
| soil moisture                     |  |
| stem flow                         |  |
| store                             |  |
| streamflow                        |  |
| surface runoff<br>(overland flow) |  |
| surface storage                   |  |
| system                            |  |
| throughflow                       |  |
| transpiration                     |  |

# 3. Preparing for the A-Level Course – learn the vocab

TASK: Complete glossary sheet for the first enquiry question of the regeneration topic.

| Enquiry Question 1: How and why do places vary? |  |
|---|--|
| centrifugal forces                              |  |
| centripetal forces                              |  |
| deindustrialisation                             |  |
| deprivation                                     |  |
| diversifying                                    |  |
| domino effect                                   |  |
| ethnicity                                       |  |
| Index of Multiple<br>Deprivation                |  |
| inward migration                                |  |
| knowledge economy                               |  |

| Lower Super Output<br>Areas (LSOA) |  |
|------------------------------------|--|
| negative multiplier                |  |
| post-industrial economy            |  |
| primary sector                     |  |
| quaternary sector                  |  |
| Regional Aid                       |  |
| rust-belt                          |  |
| secondary sector                   |  |
| stakeholders                       |  |
| tertiary sector                    |  |
| Voter apathy                       |  |

#### 4. Take an interest in the world around you

TASK: Below is a map of Sheffield city centre. Over the summer try to investigate and record on the map any examples of regeneration on the map below.

