**Geography**

**Key skills developed in this work:**

* Show understanding of the principal processes operating within physical geography and human geography.
* Show an understanding of the causes and effects of change on natural and human environments.
* Develop an awareness of the usefulness of geographical analysis to understand and solve contemporary human and environmental problems.
* Develop the ability to handle and evaluate different types and sources of information.
* Develop the skills to think logically, and to present an ordered and coherent argument in a variety of ways.

**Research work:**

The activities in this document will support content in the following AS-level units:

* *Core Physical Geography*
	+ Hydrology and fluvial geomorphology
	+ Atmosphere and weather
	+ Rocks and weathering
* *Core Human Geography*
	+ Population
	+ Migration
	+ Settlement dynamics

**Activity - Investigating hypotheses:**

*Objectives:*

* Research and investigate current geographical local or global issues.
* Use a variety of sources of information to help you with your research.

*Task:*

* Use the internet to research the hypotheses below. These are all units covered at AS-level and will help to broaden your case study knowledge. You will also be able to use the knowledge from your previous study of geography to help you.
* Make mini summaries for ***one*** hypothesis in each theme, including named local, regional and global examples to support your research.

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| **Theme: Hydrology and fluvial geomorphology** |
| Hypotheses to choose from:* Human activities are the main cause of river flooding.
* It is possible to prevent rivers from flooding.
* Flooding affects people more than the natural environment.
* Useful website: [Rivers and Management](https://www.coolgeography.co.uk/A-level/AQA/Year%2012/Rivers_Floods/Rivers%20main.htm)
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| **Theme: Atmosphere and weather** |
| * Global warming is caused only by large organisations.
* Climate change has only caused negative consequences.
* Useful website: [Global climate change causes and effects](https://www.coolgeography.co.uk/A-level/AQA/Year%2013/Weather%20and%20climate/Climate%20Change/Global%20Warming%20causes.htm)
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| **Theme:** **Rocks and weathering** |
| * Rainfall is the most important factor affecting the type and rate of weathering
* ‘The movement of tectonic plates is determined by the process of subduction.’ With the aid of examples, how far do you agree with this statement?
* Useful website: [6A Weathering - A-LEVEL GEOGRAPHY REVISION: EDEXCEL](https://geographyrevisionalevel.weebly.com/6a-weathering.html)
* Useful website: [1.2A and B Plate Tectonics - A-LEVEL GEOGRAPHY REVISION: EDEXCEL](https://geographyrevisionalevel.weebly.com/12a-and-b-plate-tectonics.html)
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| **Theme: Population** |
| * There are only negative consequences for countries with an ageing population.
* Assess the extent to which technology is the solution to food shortages in LICs/MICs
* Useful website: [Population and resources](https://www.coolgeography.co.uk/A-level/AQA/Year%2012/Population/Population%20%26%20resources/Population%20%26%20resources.htm)
* Useful website: [Food Security Definition A Level Geography - Revision Notes](https://www.savemyexams.com/a-level/geography/aqa/18/revision-notes/10-population-and-the-environment/10-1-population-and-the-environment/10-1-5-food-security/)
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| **Theme:** **Migration** |
| * International migration is mainly voluntary.
* Push factors are the main reason for internal and international migration.
* Useful website: [Migration and population](https://www.coolgeography.co.uk/A-level/AQA/Year%2012/Population/Population%20change/Migration%20and%20population%20new.htm#:~:text=Migration%20is%20the%20movement%20of,no%20option%20but%20to%20move.)
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| **Theme: Settlement Dynamics** |
| * Residents in shanty towns face only problems/challenges.
* Urbanisation has only positive consequences on rural and urban areas.
* Useful website: [Rio de Janeiro](https://www.coolgeography.co.uk/GCSE/Year%2010/ManagingHuman/Rio/rio_de_janeiro.htm)
* Useful website: [Urbanisation Processes A Level Geography - Revision Notes](https://www.savemyexams.com/a-level/geography/aqa/18/revision-notes/9-contemporary-urban-environments/9-1-urbanisation/9-1-3-processes-of-urbanisation/)
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*Other sources of information:*

* Your IGCSE geography text books will have chapters on most of the units above. Units to explore are:
	+ Rivers
	+ Coasts
	+ Population and migration
	+ Settlement
* Websites which also focus on the above units:
	+ <https://www.bbc.co.uk/bitesize/examspecs/ztp2qty>
	+ <https://revisionworld.com/a2-level-level-revision/geography-level-revision/population>