**Past climate and glaciation of the Drakensberg Mountains, southern Africa**

**Links to the specifications:**

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| **A-level topic** | **AQA** | **Edexcel** | **OCR** | **WJEC** |
| **Climate** | **A2 Unit 3** *Weather and Climate and Associated Hazards* “Major climate controls:..the general atmospheric circulation...oceanic circulation...”  **A2 Unit 3** *Weather and Climate and Associated Hazards* “Global climate change: Evidence for climatic change over the last 20,000 years.” | **AS Unit 1** *Climate change and its causes* “...variations in earth orbit...”  **AS Unit 1** *Climate change and its causes* “Researching the evidence…longer-term, e.g. pollen analysis, ice cores, and past glacial/sea level change.” |  | **AS Unit G1** *Investigating climate change* “Long-term climate change.” |
| **Cold environments** | **AS Unit 1** *Cold environments* “The global distribution of cold environments.”  **AS Unit 1** *Cold environments* “Glaciers as systems...glacial processes...periglacial processes...” | **A2 Unit 4 Option 2** *Defining and locating cold environments* “Investigating how the distribution of cold environments has changed over time and is still changing today.”  **A2 Unit 4 Option 2**  *Climatic processes and their causes* “Researching the varying climatic causes of cold environments in contrasting locations.”  **A2 Unit 4 Option 2** *Distinctive landforms and landscapes* | **AS Unit** *Cold environments* “the impact of climate…the way that ice and water shape the landscape.”  **AS Unit** *Cold environments* Key concepts: “Cold environment landscapes change over time.” | **A2 Unit G3** *Glacial landforms and their management* “Investigation of glacial advance during the Pleistocene…”  **A2 Unit G3** *Glacial landforms and their management* “The relationship between climatic fluctuations and the geomorphological work done by ice.” |
| **Geographical skills** | **3.6 Skills Checklist**: investigative, cartographic, graphical, ICT, and statistical skills | **AS Unit 2** *Geographical Investigations*  “The geographical enquiry sequence” | **AS Unit** *Cold environments* Associated skills: “Analysis of a variety of types of image, map work.. identification of features of former glaciation, statistical analysis.”  A2 Geographical Skills “...the process of geographical research, including fieldwork” | **AS and A level skills** to include: “interpretation of evidence: graphs, maps, photographs,...  numerical data, etc.” |