



GEOGRAPHY AT THE JOHN LYON SCHOOL

A synopsis of topics and skills to be tested at 13+ entry.

- *Ordnance Survey Maps at scales 1:25000 and 1:50000 Scales. Measured distances. 4-figure and 6-figure grid references. Cardinal points and compass bearings. Map symbols. Identification of human and physical geography features. Aerial photographs.*
- *Key stage 3 maps of Europe, the World and the U.K. Recognition of locations...upland, rivers, sea areas and cities. Latitude, longitude and Time Zones. Knowledge of EU countries.*
- *Weather and Climate of the British Isles. Measuring and the graphical representation of weather statistics. Causes of precipitation. Cyclones and Anticyclones.*
- *River Studies. Erosion and deposition processes and distinctive landforms. Flooding.*
- *Biomes including Tropical Rainforest, Tundra, Temperate Grassland and Hot Desert. Studies of climate, vegetation and Economic Geography.*
- *Case study of Brazil. Amerindians. Exploitation of Amazonia. Economic development of the country. Contrasting lifestyles between the rich and poor.*
- *Earth and the Solar System.*

- *Plate Tectonics. Study of earthquakes and volcanoes. Characteristics of plate margins. Case studies.*
- *Economic Geography. Renewable and non-renewable resources. Patterns of industrial location. Factors influencing the geography of manufacturing. Sectors of employment.*
- *Urban and rural settlement patterns and functions. Settlement hierarchy. Changing land use in British cities.*
- *Coastal processes and landforms. Longshore drift. Sea defences. Economic activities associated with coastlines.*

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