

Geography 5 Year Curriculum: the geography curriculum builds up over five years starting with an in-depth foundation of the earth, its structure, atmosphere and landscapes. Pupils are taught about how people interact with the world through key concepts and place studies to widen their understanding of the world in which we live. Overtime the curriculum is then sequenced to provide deepen the students' knowledge and understanding.

Year 7: Geography and Me – UK geography, OS maps, fieldwork and personal geography. **Our planet** – the Earth's physical and human geography. **Resources and Trade** – manufacturing and trade, OS maps and UK industrial change. **Brilliant biomes** – ecosystems and biome with a focus on deciduous biomes and fieldwork. **Fantastic UK landscapes** – geology and the rock cycle, three unique UK landforms, OS maps and GIS. **UK Coasts** – erosion and deposition, beaches, cliffs, headlands and bays, OS maps and GIS.

Year 8: River Rivals – river features and landforms, floodplain formation and the GERD. **Food and Famine** – importance of food and factors affecting food security and strategies to reduce it. **Endless Energy** – Rising global energy demand, fossil fuels and renewables. **Climate Change** – natural climate change and Enhanced greenhouse effect, impacts and strategies. **Polar Environments** – Causes of extreme cold, tundra characteristics and indigenous Nenets. **The Middle East and Sustainability** – Middle East past and present, wealth and inequality, water security and sustainable futures.

Year 10 – UK landscapes- different types of rocks, their characteristics and their locations. Formation of upland and lowland areas. **Resource management** – exploitation of resources, reasons for difference in energy use, renewable and non-renewable energy. Ecosystems – biome characteristics and location, focus on tropical rainforests and deciduous woodland, threats and management. **Changing Cities** – causes of and impacts of urbanisations, Birmingham and Sao Paulo case study. **Global Development** – measures of development, spatial variations, aid and India case study. **Coasts** – features of erosion and deposition, methods of transportation and deposition

Year 9: Global Oceans- Layers of the ocean, ocean governance, regulation, biodiversity and ecosystems. **Ocean Tectonics** – Tectonic plate boundaries, seafloor spreading, volcanic process and the causes and impacts of the Japanese tsunami. **The Global Economy** – industrialisation and deindustrialisation, HIC's, MIC's and LIC's, globalisation and TNC's. Development Disparity – what is development and the indicators, factors affecting development and development strategies. **Glacial Landforms** – glacier distribution, glacier formation and retreat, corries, arete, pyramidal peaks and u-shaped valleys. **UK Regions Fieldwork** – geology, coasts, rivers and glacial landscapes, Lake District and local area study

Year 11 Coasts – landforms, human interaction and management. **Coastal Fieldwork** – data collection methods, data presentation, analysis and evaluation. **Weather, Hazards and Climate Change-** global circulation, tropical storms, droughts, causes and effects of climate change. **Urban Fieldwork** – data collection methods, data presentation, analysis and evaluation. **UK Challenges-** migration, brownfield and greenfield sites, two speed economy.

Key Stage 5 and beyond:

Further education: A Level Geography and A level Geology combined with other humanities subjects, social sciences, politics and law.

Careers: Civil service, government, legal professions, police, teaching, town and urban planning, tourism, Environment Agency journalism and the media.