

St Cuthbert Mayne School Curriculum Map



Department: Geography

Year 11

Department Intent and Overview

Our Geography curriculum will inspire curiosity and fascination about the world and its people. .

Key Stage 4 Curriculum Summary

Geography is the study of the Earth's people, places, landscapes and environments. It mixes the arts and the sciences, and bridges the learning gap between many other subjects.

The aim of our KS4 curriculum is to deepen their understanding of geographical processes, illuminate the impact of change and of complex people-environment interactions, highlight the dynamic links and interrelationships between places and environments at different scales, and develop students' competence in using a wide range of geographical skills. Students have the opportunity to engage with a wide variety of learning resources and styles, and develop their problem solving and researching skills by using ICT, fieldwork and diagrams, internet, maps, videos, newspaper articles, photographs and books.

The following units are covered:

- **The Challenge of Natural Hazards** - In this unit we will be learning about natural hazards and how they are the result of physical processes. We will be considering the effects of, and responses to, hazards in contrasting areas of wealth and how they are being managed. Finally, we will examine the causes and effects of climate change, and the various strategies to manage this issue.
- **The Living World** - In this unit we will explore living with the physical environment. We will be learning about physical processes and systems and how they change in different environments. We will be looking in particular at the environmental characteristics and development opportunities in tropical rainforests and hot desert ecosystems, and how these are sustainably managed.
- **Physical Landscapes of the UK** - In this unit we will explore living with the physical environment, and a focus on the physical landscapes in the UK. We will be looking in particular at the environmental characteristics and processes which have shaped our coastal landscapes and river landscapes. We will study how different management strategies can be used to protect coastlines and rivers from the effects of physical processes.
- **Urban Issues and Challenges** - In this unit we will be learning about human processes and systems, and how these change in space and time. In order to do this, we will be learning about different places in various stages of development, and how the development is being managed. We will be focusing on Rio de Janeiro and Bristol and examining the challenges and opportunities experienced by both cities. The issue of sustainability will be considered.
- **Changing Economic World** - In this unit we will be looking at human processes and systems, and how these change in space and time. In order to do this, we will be learning about different places in various stages of development, and how the development is being managed. We will particularly focus on Nigeria and the UK.
- **The Challenge of Resource Management** - In this unit we will be looking at how resources are distributed around the world and the issues that are caused by this uneven distribution. We will be considering food security and management strategies around the world to / deal with food issues.

An important element of the GCSE course is that of critical thinking and problem-solving. This will be covered in Paper 3 which will provide students with the opportunity to demonstrate geographical skills, and applied knowledge and understanding by looking at a particular issue(s) derived from the specification using secondary sources. Students will also undertake two geographical enquiries using primary data, collected as part of a fieldwork exercise.

Autumn Term 1 – The Challenge of Natural Hazards/Changing Economic World - introduction

Topic/Unit	Introduction to Climate Change	Natural Causes of Climate Change	Human Causes of Climate Change	Effects of Climate Change	Managing Climate Change	What is Development?	The DTM and population structures	The Causes of Uneven Development
Knowledge (Content covered)	What is climate change and how global temperatures have changed throughout history	The main causes of natural climate change and an understanding of how they can impact temperatures	The main causes of human climate change and an understanding of how they can impact temperatures	Understanding of the effects and categorisation into social and environmental	Different approaches to managing climate change - mitigation and adaptation	To understand the definition of development and the different ways of measuring it	To understand what the DTM is and how countries move through the stages. To be able to identify different shapes of population pyramids and understand the reasons for the shapes	To know the three main causes of uneven development and understand how each of these can lead to uneven development around the world.
Skills	Interpretation of cartoons, labelling and annotation of diagrams. Analysis of air temperature data	Interpretation of visual media, understanding temperature data, recognition of trends	Interpretation of visual media, understanding temperature data, recognition of trends	Information gathering, Interpretation of information based on evidence gathered	Interpretation of visual media, information gathering and evaluation of the differing approaches	Interpretation of photographs and stereotypical images, map work and identification of global patterns.	Construction of DTM and population pyramids. Interpretation of shapes and analysis of data. Short written answers, evaluation and extended answers	Information gathering. Application of knowledge and understanding to questions. Short written answers and extended GCSE writing

Assessment	Teacher/Peer Assessment Low stakes testing - various quizzes. GCSE questions	Teacher/Peer Assessment Low stakes testing - various quizzes. GCSE questions	Teacher/Peer Assessment Low stakes testing - various quizzes. GCSE questions	Teacher/Peer Assessment Low stakes testing - various quizzes. GCSE questions	Teacher/Peer Assessment Low stakes testing - various quizzes. GCSE questions	Explanation of patterns shown on map; Spider diagram showing development indicators - categorisation into social and economic; Understanding of relationship between economic and social factors; HDI independent research	Statement sorting task; GCSE question to evaluate DTM; Comparison of Mexico and Japan pyramids	Low stakes testing; various GCSE questions on causes of uneven development, short and extended answers
Gatsby 4 (Linking curriculum learning to careers) GATSBY BENCHMARK 4	GIS Specialist Environmental Consultant SSSI Warden Environmental Lawyer Disaster and Emergency Planner International Aid Worker Seismologist Volcanologist Geologist							

Autumn Term 2 - Changing Economic World

Topic/Unit	Consequences of Uneven Development	Strategies to Reduce the Development Gap	Economic Development in the UK	UK Science and Business Parks	Changing Transport Infrastructure	The North-South Divide	UK and the wider world
Knowledge (Content covered)	To understand the main consequences of uneven development and to understand how inequalities in wealth, health and migration can lead to uneven development	To know the different strategies aimed at reducing the development gap and an understanding of each of these work.	To understand how areas of the UK have issues with development and what is being done to reduce these	To know the difference between a science park and a business park. To understand the reasons for their location and the benefits they bring	To know how improvements and new developments have brought benefits to the UK	To know what the north-south divide is and the regional differences that are evident/ To understand the strategies being put in place to address the inequalities in the UK	An understanding of the relationships and connections between the UK and the EU and Commonwealth
Skills	Information gathering and application of knowledge. Understanding and application of population and economic data.	Information gathering , analysis of various global strategies. Understanding and analysis of population and economic statistics.	Information gathering. Application of knowledge and understanding to questions. Short written answers and extended GCSE writing	Information gathering. Application of knowledge and understanding to questions. Short written answers and extended GCSE writing. Map skills	Information gathering. Application of knowledge and understanding to questions. Short written answers and extended GCSE writing	Information gathering. Application of knowledge and understanding to questions. Short written answers and extended GCSE writing	Information gathering. Application of knowledge and understanding to questions. Short written answers and extended GCSE writing
Assessment	Low stakes testing, various GCSE questions - short and extended writing.	Low stakes testing, various GCSE questions - short and extended writing. Analysis of relationships	Low stakes testing; various GCSE questions on causes of uneven development, short and	Low stakes testing; various GCSE questions on causes of uneven development, short and	Low stakes testing; various GCSE questions on causes of uneven development, short and	Low stakes testing; various GCSE questions on causes of uneven development, short and	Low stakes testing; various GCSE questions on causes of uneven development, short and

		between different data sets.	extended answers	extended answers	extended answers	extended answers	extended answers
Gatsby 4 (Linking curriculum learning to careers) GATSBY BENCHMARK 4	GIS Specialist Emergency Coordinator Diplomat Disaster and Emergency Planner Politician Human Rights Officer Refugee and Asylum advisor Voluntary Service Overseas International Aid Worker						

Spring Term 1 - Physical Landscapes in the UK Coasts								
Topic/Unit	Introduction to Physical Landscapes in the UK	Coastal Landscapes	Coastal Processes	Erosion, Transportation and Deposition	Landforms Created by Erosion	The Importance of Transportation in Shaping the Coastline	Landforms Created by Deposition	Case Study of the Swanage Coastline
Knowledge (Content covered)	Location of the major upland areas and river systems of the	Wave formation, types and their characteristics	Weathering and mass movement - types and	Types of erosion, and transportation. How does each	Formation of headlands and bays, wave-cut platform, caves,	Understanding longshore drift and how it contributes to	Formation of beaches, sand-dunes, spits and bars	Detailed study of the features of the coastline and the effects

	UK		processes involved	process work?	arches and stacks	the formation of landforms		of the geology
Skills	Mapwork of major UK rivers and highland areas. Distribution in the UK	Label and annotation of wave diagram	Interpretation of maps Explanation from media clip	Diagram interpretation Explanation of marine processes - literacy Label and annotate diagrams Photo interpretation	Diagram interpretation Explanation of marine processes - literacy Label and annotate diagrams Photo interpretation	Explanation of marine processes - literacy Label and annotate diagrams Photo interpretation	Explanation of marine processes - literacy Label and annotate diagrams Photo interpretation	OS Map work and interpretation Interpretation of geology map Label and annotation of diagrams
Assessment	Teacher/Peer Assessment Low stakes testing - various quizzes. Past GCSE questions	Teacher/Peer Assessment Low stakes testing - various quizzes. Past GCSE questions	Teacher/Peer Assessment Low stakes testing - various quizzes. Past GCSE questions	Teacher/Peer Assessment Low stakes testing - various quizzes. Past GCSE questions	Teacher/Peer Assessment Low stakes testing - various quizzes. Past GCSE questions	Teacher/Peer Assessment Low stakes testing - various quizzes. Past GCSE questions.	Teacher/Peer Assessment Low stakes testing - various quizzes. Past GCSE questions.	Teacher/Peer Assessment Low stakes testing - various quizzes Mid-point assessment
Gatsby 4 (Linking curriculum learning to careers) GATSBY BENCHMARK 4	Coastal Engineer Cartographer GIS Specialist Hydrologist Conservation Manager Flood Prevention Officer Environmental Manager Environmental Consultant							

Spring Term 2/Summer Term 1 - Revision and Exam Preparation

Topic/Unit	Decision Making Exercise	Revision and exam skills	Revision and exam skills	Revision and exam skills	Revision and exam skills	Revision and exam skills	Revision and exam skills
Knowledge (Content covered)	This will not be formalised until the papers are sent from the AQA	Human Units - Urban Issues, Economic Change, Resource Management	Physical Units - Physical Landscapes, Natural Hazards, Living World	Case study focus	Fieldwork skills and methodologies	Fieldwork skills and methodologies	Fieldwork skills and methodologies
Skills	Interpretation of data Understanding visual images and statistics Formulation of arguments Application to Geography theory	Examination skills - understanding content questions, command word focus - unpicking the requirements of the question. Key case study information	Examination skills - understanding content questions, command word focus - unpicking the requirements of the question. Key case study information	Key case study information and application to past exam questions	Data collection, interpretation, presentation and evaluation. Formulating a hypothesis	Data collection, interpretation, presentation and evaluation. Formulating a hypothesis	Data collection, interpretation, presentation and evaluation. Formulating a hypothesis
Assessment	Past GCSE questions	Past GCSE questions	Past GCSE questions	Past GCSE questions	Past GCSE questions	Past GCSE questions	Past GCSE questions
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