Environmental consultant.
Town planner.
Geographical information systems officer.
Conservation officer.
Teacher/lecturer.

A Level Geography
Geology
Environmental Science
BTEC
Travel and Tourism

MILLFIELD'S GEOGRAPHY LEARNING JOURNEY

Millfield Science & Performing Arts College
Creating Bright Futures

Careers

Post 16

Revision of all prior learning

Section A Issue Evaluation Rationale – equip pupils with the skills required to recognise the synoptic link between physical and human Geography.
Utilising resources to evaluate human actions and to consider the concept of sustainability during a decision-making process.
Skills: Cartographic, Graphical, Numerical, Use of qualitative and quantitative data and formulate enquiry and argument.

Section C The challenge of resource management
Key Content: Resource management, Water management
Case Studies:
The Lesotho Highland Water Project,
The Wakel River Basin Project
Skills: Cartographic, Graphical, Numerical, Use of qualitative and quantitative data and formulate enquiry and argument.
Assessment at the end of each key content topic as an end of unit test

Section B The changing economic world and blocks
Key Content: The development gap, NEEs and the changing UK economy
Case Studies:
NEE- Nigeria, Cobalt Business Park, Cambridge Science Park, Cambridgeshire, Outer Hebrides and Lancashire LEP,
Skills: Cartographic, Graphical, Numerical, Use of qualitative and quantitative data and formulate enquiry and argument.
Assessment at the end of each key content topic. as an end of unit test

Section B Fieldwork
Key Content:
Physical: Physical fieldwork in Glaciated landscapes. Use of fieldwork skills to analyse and assess human impacts on glaciated landscape.
Human: Human Geography fieldwork in Grasmere Village. Use of fieldwork skills to analyse and assess does Grasmere need a Park and Ride Scheme?
Case Study:
Lake District
Skills: Cartographic, Graphical, Numerical, Use of qualitative and quantitative data and formulate enquiry and argument.

Section A Urban Issues and challenges
Key Content: Urban change in the UK and sustainable urban development
Case Studies:
Urban Change- Bristol
Sustainable living – Freiburg
Tourism- Jamaica
Skills : Cartographic, Graphical, Numerical, Use of qualitative and quantitative data and formulate enquiry and argument.
Assessment at the end of each key content topics as an end of unit test

YEAR 11 KS4

Section A Urban Issues and challenges
Key Content: The urban world,
Case Study
Rio
Skills: Cartographic, Graphical, Numerical, Use of qualitative and quantitative data and formulate enquiry and argument.
Assessment at the end of each key content topics as an end of unit test

Section C Physical landscapes in the UK
Key Content:
River landscapes and glacial landscapes
Case Studies
Rivers- River Tees and Banbury
Glaciation- Lake District
Skills: Cartographic, Graphical, Numerical, Use of qualitative and quantitative data and formulate enquiry and argument.
Assessment at the end of each key content topics as an end of unit test

Section B The Living World
Key Content:
Ecosystems, Tropical rainforests and hot environments
Case Studies:
Epping Forest
Amazon
Thar Desert
Skills: Cartographic, Graphical, Numerical, Use of qualitative and quantitative data and formulate enquiry and argument.
Assessment at the end of each key content topics as an end of unit test

Section A The Challenge of natural hazards
Key Content:
Natural hazards, Tectonic hazards, weather hazards and climate change
Case Studies:
Chile and Nepal
Iceland living with tectonics
Typhoon Haiyan
Somerset flood
Skills: Cartographic, Graphical, Numerical, Use of qualitative and quantitative data and formulate enquiry and argument.
Assessment at the end of each key content topic as an end of unit test

YEAR 10 KS4

To understand complex relations ships between humans and nature globally

YEAR 9-KS3 GLOBAL

Our unequal world
Key Ideas
Global development
Escaping inequality
Food inequality
Health inequality
The geography of chocolate
Skills Focus: Scattergraphs
Skills: Cartographic, Graphical, Numerical, Use of qualitative and quantitative data and formulate enquiry and argument.
Assessment at the end of the topic as an end of unit test

A focus on Africa
Key Ideas
What is Africa like?
African populations
The Sahara
Nigeria – a country of contrasts
Opportunities and challenges in Nigeria
Skills Focus: Cross-sections
Skills: Cartographic, Graphical, Use of qualitative and quantitative data and formulate enquiry and argument.
Assessment at the end of the topic as an end of unit test

World Cities
Key Ideas
Urbanisation
Rural-urban migration in China
Megacities
Housing the poor: focus on India
Sustainable cities
Skills Focus :Choropleth maps & proportional symbols
Skills: Cartographic, Graphical, Use of qualitative and quantitative data and formulate enquiry and argument
Assessment at the end of the topic as an end of unit test

Global Issues
Key Ideas
Plastic in the oceans
Climate change
Sustainable tourism
Wilderness areas under threat
The geography of conflict zones
Skills Focus: Maps and satellite photos –Antarctica
Skills: Cartographic, Graphical, Numerical, Use of qualitative and quantitative data and formulate enquiry and argument.
Assessment at the end of the topic as an end of unit test

The Middle East
Key Ideas
Where is Middle East?
What are some of its key physical features?
Climate zones and biomes
People and economy
Challenges in the Arabian Peninsula
Conflict in the Middle East
Skills Focus: GIS
Skills: Cartographic, Graphical, Use of qualitative and quantitative data and formulate enquiry and argument.
Assessment at the end of the topic as an end of unit test

About Russia
Key Ideas
Where is Russia?
What are some of its key physical features?
Climate zones and biomes
How is the population distributed across Russia? (people)
Tour of European Russia- Cities
What are the opportunities and challenges of mineral extraction in the tundra?
What is Russia's role in Europe's energy resources?
Skills Focus: Distribution map
Skills: Cartographic, Graphical, Use of qualitative and quantitative data and formulate enquiry and argument.
Assessment at the end of the topic as an end of unit test

Our Living World
Key Ideas
Ecosystems –who is eating who?
Food chains and webs
Nutrient cycle
Rainforest location, characteristics, plant and animal adaptations, deforestation and sustainable management,
Renewable and non renewable energy
Skills Focus: Maps and satellite photos– climate graphs
Skills - Cartographic, Graphical, Numerical, Use of qualitative and quantitative data
Assessment at the end of the topics as an end of unit test

Our Physical world
Key Ideas
Earthquakes
Volcanoes
Global climates
Global weather
Skills Focus: Comparing maps
Skills: Cartographic, Use of qualitative and quantitative data
Assessment at the end of the topic as an end of unit test

Physical landscapes in the UK
Key Ideas
UK landscapes
Landscape processes
River landscapes
Coastal landscapes
Mountains and glacial landscapes
Skills Focus: Physical atlas maps
Skills: Cartographic and formulate enquiry and argument
Assessment at the end of the topics as an end of unit test

Weather and climate in the UK
Key Ideas
Recording the weather
Why is our weather so changeable?
Rain
Urban microclimates
Extreme weather in the UK
Skills Focus: Climate atlas maps
Skills: Cartographic, Graphical, Use of qualitative and quantitative data and Formulate enquiry and argument.
Assessment at the end of the topics as an end of unit test

The people of the UK
Key Ideas
Diverse country
Measuring population
The impacts of migration
Comparing rural areas
Skills Focus: Population pyramids
Skills: Cartographic, Graphical and formulate enquiry and argument.
Assessment at the end of the topics as an end of unit test

YEAR 8 KS3 Global

Building on the base knowledge to begin to understand complex relations ships between humans and nature in the UK then globally

Maps and Mapping
Key Ideas
Mapping through the ages
Place Knowledge
OS maps, symbols
Distance and direction
4 & 6 Grid References
Height and scale
Skills Focus: OS maps
Skills: Cartographic and formulate enquiry and argument
Assessment at the end of the topics as an end of unit test

Baseline Test

YEAR 7 KS3 UK

PRIMARY SCHOOL

KS 1 and 2- National Curriculum
Locational knowledge
Place knowledge
Human and physical geography
Geographical skills and fieldwork

Introductory year focusing on the UK developing key skills and building on knowledge

A JOURNEY TO BEING EXCEPTIONAL

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