

Geography Curriculum Map 2024-25

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Changing Economic World

Key Concepts: Human world, Space & Place, Time, Geographical skills, Sustainability, Scale

Key Skills Interpretation, decision making, Knowledge, Problem solving, Debating, Map skills

Key words: Economy, Trans-national corporations (TNCs), Primary, Secondary, Tertiary, Quaternary, Business park, Science park, Globalisation, Exports, Imports, Deindustrialisation, Brownfield site, Brandt line, GNI per capita, Human development index (HDI), Life expectancy, Raw materials, Development gap, High-income country, Low-income country

Rivers

Key Concepts: Physical world, Space & Place, Time, Geographical skills, Sustainability

Key Skills: Interpretation, decision making, Knowledge, Problem solving, Debating, Map skills

Key words: Abrasion, Attrition, Hydraulic action, Solution, Traction, Saltation, Suspension, Erosion, Transportation, Deposition, Meanders, Ox bow lakes, Source, Mouth, V-shaped valleys, Gradient, Impermeable, engineering, Soft engineering.

Resource Management

Key Concepts: Physical world, Human world, Space & Place, Time, Geographical skills, Sustainability

Key Skills Interpretation, decision making, Knowledge, Problem solving, Debating, Map skills

Key words: Resources, Fossil fuels, Renewable, Non-renewable, Surplus, Deficit, Insecurity, Energy mix

Pre - Release

Key Concepts: Geographical skills, Physical world, Human world

Key Skills: Interpretation, fieldwork, decision making, numeracy, knowledge, Map skills

Tectonic Hazards

Key Concepts: Physical world, Space & Place, Time, Scale, Sustainability, Geographical skills

Key Skills Interpretation, decision making, Knowledge, Problem solving, Debating, Map skills

Key words: Lava, Magma, Seismic waves, Mantle, Continental crust, Oceanic crust, Constructive, Destructive, Conservative, Plate margins, Cholera

Weather Hazards

Key Concepts: Physical world, Space & Place, Time, Scale, Sustainability, Geographical skills

Key Skills Interpretation, decision making, Knowledge, Problem solving, Debating, Map skills

Key words: Climate, Weather, Precipitation, Arid, Tropical, Hemisphere, Latitude, Equator, Prevailing wind, Atmosphere, Altitude, Tropical storms, Typhoons, Hurricanes, Storm surge, Atmospheric. Polar cell, Hadley Cell, Ferrel cell, Coriolis effect,

Climate Change

Key Concepts: Physical world, Human world, Space & Place, Time, Geographical skills, Sustainability

Key Skills Interpretation, decision making, Knowledge, Problem solving, Debating, Map skills

Key words: Renewable, Non-renewable, Climate change, Global warming, Greenhouse effect, Greenhouse gases, Agriculture, Mitigation,

Coasts

Key Concepts: Physical world, Space & Place, Time, Geographical skills, Sustainability

Key Skills Interpretation, decision making, Knowledge, Problem solving, Debating, Map skills

Key words: Abrasion, Attrition, Hydraulic action, Solution, Swash, Backwash, Destructive, Constructive, Longshore drift, Hard engineering, Soft Engineering

Ecosystems & Tropical Rainforests

Key Concepts: Physical world, Space & Place, Time, Geographical skills, sustainability

Key Skills Interpretation, decision making, Knowledge, Problem solving, Debating, Map skills

Key words: Habitats, Ecosystem, Biodiversity, Adaptation, Abiotic, Biotic, Canopy, Emergent, Erosion, Nutrients, Photosynthesis,

Hot Deserts

Key Concepts: Physical world, Human world, Space & Place, Time, Geographical skills,

Key Skills Interpretation, decision making, Knowledge, Problem solving, Debating, Map skills

Key words: Abiotic, Biotic, Appropriate technology, Climate change, Arable farming, Commercial farming, Desalination, Desertification, Evaporation, High pressure, Low

Beautiful biomes

Key Concepts: Physical world, Space & Place, Time, Geographical skills, sustainability

Key Skills Interpretation, decision making, Knowledge, Problem solving, Debating, Map skills

Key words: Habitats, Ecosystem, Biodiversity, Adaptation, Abiotic, Biotic, Canopy, Emergent, Erosion, Nutrients, Photosynthesis,

Movers and shakers

Key Concepts: Physical world, Space & Place, Time, Scale, Sustainability, Geographical skills

Key Skills Interpretation, decision making, Knowledge, Problem solving, Debating, Map skills

Key words: Lava, Magma, Seismic Waves, Mantle, Crust, Outer core, Inner core, Destructive, Constructive, Conservative, monitoring, protection, Prediction

Cold environments

Key Concepts: Physical world, Space & Place, Time, Geographical skills, Sustainability

Key Skills Interpretation, decision making, Knowledge, Problem solving, Debating, Map skills

Key words: Arete, Glaciers, erosion, climate change, ice sheets

Urban Issues – Rio De Janeiro

Key Concepts: Human world, Space & Place, Time, Geographical skills, Sustainability

Key Skills Interpretation, decision making, Knowledge, Problem solving, Debating, Map skills

Key words: Quality of life, Migration, natural increase, Urbanisation, Favela, Informal sector, Urban sprawl, Sustainable, Infrastructure.

Urban Issues - Portsmouth

Key Concepts: Human world, Space & Place, Time, Geographical skills, Sustainability

Key Skills Interpretation, decision making, Knowledge, Problem solving, Debating, Map skills

Key words: Population density, Wards, Deprivation, Poverty, Quality of life, Dereliction, Greenfield sites, Brownfield sites, Regeneration, infrastructure,

Weather & climate

Key Concepts: Physical world, Space & Place, Time, Scale, Geographical skills

Key Skills Interpretation, decision making, Knowledge, Problem solving, Debating, Map skills

Key words: Climate, Weather, Precipitation, Barometer, anemometer, Arid, Tropical, Hemisphere, Latitude, Equator, Prevailing wind, Atmosphere, Altitude

Oceans

Key Concepts: Physical world, Time, Sustainability

Key Skills Interpretation, decision making, Knowledge, Problem solving, Debating

Key words: Bioluminescence, Gyre, Coriolis effect, Dead zones, Biodegrading, Biodiversity.

People people everywhere

Key Concepts: Human world, Space & Place, Time, Geographical skills

Key Skills Interpretation, decision making, Knowledge, Problem solving, Debating, Map skills

Key words: Birth rates, Death rates, Sparse, Dense, Distribution, Demographic transition model, Natural increase, High-income country, Low-income country, Migration, Urbanisation, Refugee

Unequal world

Key Concepts: Human world, Space & Place, Time, Scale, Sustainability.

Key Skills Interpretation, decision making, Knowledge, Problem solving, Debating, Map skills

Key words: Development, high-income country, Low-income country, GNI per Capita, Life expectancy, Literacy rate, Birth rate, Death rate, Urban core, Rural peripheries, Infrastructure, economy

Tropical storms

Key Concepts: Physical world, Space & Place, Time, Scale, Geographical skills

Key Skills Interpretation, decision making, Knowledge, Problem solving, Debating, Map skills

Key words: : Climate, Weather, Precipitation, Arid, Tropical, Hemisphere, Latitude, Equator, Prevailing wind, Atmosphere, Altitude, Tropical storms, Typhoons, Hurricanes, Storm surge,

What is a Geographer?

Key Concepts: Geographical skills, Space & Place, Time, Scale

Key Skills Interpretation, fieldwork, decision making, numeracy, knowledge, map skills

Key words: Scale, Compass, Global, National, Local, Economic, Social, Environmental, Grid references, Contour, Continent, Country, Hemisphere, Latitude, Equator

Economic Geography

Key Concepts: Human world, Sustainability, Space & Place, Time, Scale

Key Skills Interpretation, decision making, numeracy, knowledge, problem solving, debating

Key words: Primary, Secondary, Tertiary, Quaternary, Fair trade, Sweatshops, Globalisation, Development, Low-income country, High-income country, Exports, Imports

Rivers

Key Concepts: Physical world, Space & Place, Time, Geographical skills, Sustainability

Key Skills: Interpretation, decision making, Knowledge, Problem solving, Debating, Map skills

Key words: Abrasion, Attrition, Hydraulic action, Solution, Traction, Saltation, Suspension, Erosion, Transportation, Deposition, Meanders, Ox bow lakes, Source, Mouth, V- shaped valleys, Gradient,

Coastal areas

Key Concepts: Physical world, Time, Geographical skills

Key Skills Interpretation, decision making, Knowledge, Problem solving, Debating

Key words: Destructive, Constructive, Erosion, Hydraulic action, Abrasion, Attrition, Solution, Swash, Backwash, Longshore drift, Hard engineering, Soft engineering

Amazing Africa

Key Concepts: Human & Physical world, Sustainability, Space & Place, Time, Scale

Key Skills Interpretation, decision making, numeracy, knowledge, problem solving, debating, map skills

Key words: Continent, Country, Biomes, Climate, Development, Colonialism, Trade