Geography Curriculum Overview 2021-22

Head of Department	A. Franks

What will students learn in each year?

Year 7	
Term 1 & 2 Europe UK Geography The urban world	**AO1: Knowledge** • What is geography? • Physical geography of the UK • Topical issues – news **AO2: Understanding** • Factors affecting settlement • Changing settlement functions and land use models • Reasons for the growth of London **AO3: Application** • Apply knowledge of land use models to compare to Hastings • Decision making exercise – demand for homes **AO4: Skills** • Map skills – locations • Climate graphs • Models • Use of statistics
Term 3 & 4 Asia Indonesia Tropical Rainforests	**AO1: Knowledge** • Physical and human geography in Asia • Indonesian rainforest Features • Landlocked countries and development in Asia **AO2: Understanding** • Indonesian rainforest **AO3: Application** • Indonesian rainforest Causes, effects and responses to deforestation • Decision making exercise – do roads help development Migration – applying prior knowledge to different context **AO4: Skills** • Map skills – locations • Climate graphs • DME – forming opinions, research, structuring an argument • Use of statistics
Term 5 & 6 North America USA	**AO1: Knowledge** • Physical and human geography of USA • Tectonics – location and features of volcanoes, hot spots, earthquakes, tsunamis **AO2: Understanding** • Causes, effects and responses to tectonic hazards • Why do people live in areas at risk of tectonic hazards

Tectonic Hazards	**AO3: Application**
	• Compare C,E,R between different tectonic hazards
	• Migration – applying prior knowledge to different context
	• 'The next big one' assessment
Conflict	**AO4: Skills**
	• Map skills – locations
	• Climate graphs
	• DME – debate on Mexico to USA
	• Use of statistics

Year 8	
Term 1 & 2 Africa Kenya Development	**AO2: Understanding** • History of Kenya • Population change and development **AO3: Application** • Economics • Links and interrelationships between Development and tectonics, rivers and ecosystems **AO4: Skills** • Map skills – locations • Climate graphs • DME • Use of statistics
Term 3 & 4 Oceania Australia Coasts Climate change	**AO1: Knowledge** • Physical and human geography of Oceania • Physical landscapes in Australia • Coastal processes • Physical features of hot deserts **AO2: Understanding** • Weather hazards associated with climate change • Cause, effect and response to coral reef damage • Cause, effect and response to climate change effects on coasts • Cause, effect and response to desertification **AO3: Application** • DME – conservation of rainforests/coral reefs **AO4: Skills** • Map skills – locations • Climate graphs • Use of statistics • FIELDWORK TRIP TO HASTINGS BEACH – cross curricular link to Science - quadrats

Term 5 & 6	**AO1: Knowledge**
South America	• Physical and human geography of Asia
	• Features of rivers
Brazil	• Push and pull factors
	• Types of industry
Plate Tectonics	• Population pyramids
	AO2: Understanding
Rivers	• Cause, effect and response to tropical storms
	• Cause, effect and response to flooding
Population change and rural-urban migration	**AO3: Application**
	• Applying knowledge of weather hazards and rivers to resource management and development
	• DME – Impact of flooding on Bangladesh
Industry and development	**AO4: Skills**
	• Map skills – locations
	• Climate graphs
	• Use of statistics

Year 9	

Term 1 & 2	**AO1: Knowledge**
Asia	• Physical and human geography of Asia
	• Features of tropical storms
China	• Features of rivers
Weather Hazards	• Meaning of sustainability
	AO2: Understanding
Flooding and tropical storms	• Cause, effect and response to tropical storms
	• Cause, effect and response to flooding
	• Causes, effects and responses to population policies
	• The development of China and whether it is sustainable
Population structure and policies	**AO3: Application**
	• Applying knowledge of weather hazards and rivers to resource management and development
	• DME – Impact of tropical storms on Asia
Globalisation	• DME – How sustainable is China's development?
	AO4: Skills
Sustainability	• Map skills – locations
	• Climate graphs
	• Use of statistics
Term 3 & 4	**AO1: Knowledge**
	• Physical and human geography of the Middle East
The Middle East	• Climate of the Middle East
	• Conflict
	• Types of resources
Conflict	• Push and pull factors
Resource Management	**AO2: Understanding**
	• Cause and effects of migration
	• Cause, effect and response to the war in Afghanistan

Population change and migration	• Cause, effect and response to drug trade in Afghanistan • Cause, effects and responses to distribution of resources in the Middle East **AO3: Application** • DME – The impact of war • DME – How sustainable is China's development? **AO4: Skills** • Map skills – locations • Climate graphs • Use of statistics
Term 5 & 6 Asia Russia Cold environments Population Resource management	**AO1: Knowledge** • Physical and human geography of Russia • Climate of the Russia • Biomes • Formation of glaciers **AO2: Understanding** • Cause and effects of population change • How ice changes landscapes • Causes, effects and responses to the Chernobyl disaster • Causes and effects of conflict in Russia **AO3: Application** • Mid-unit assessment – knowledge of Russia • Exam question – impacts of Chernobyl • End of unit assessment – overall knowledge of Russia **AO4: Skills** • Map skills – locations • Climate graphs • Use of statistics

Year 10 **Exam Board: AQA**	
Term 1 Natural hazards and tectonic hazards	**AO1: Knowledge** • What is a natural hazard and types • Distribution of tectonic hazards • Plate boundary types and processes at each **AO2: Understanding** • Factors affecting hazard risk • Plate tectonic theory – convection • Primary and secondary effects of tectonic hazards • Responses to tectonic hazards • Why people live in areas of risk • Monitoring, predicting, preparing, planning **AO3: Application** • Case studies – compare and contrast LIC and HIC **AO4: Skills** • Map skills – locations

	• Interpreting data • Use of statistics
Weather hazards	**AO1: Knowledge** • Global atmospheric circulation • Distribution of tropical storms • Causes of tropical storms, structure and features • Overview of types of weather hazards in the UK **AO2: Understanding** • Relationship between tropical storms and GAC • Primary and secondary effects of tropical storms • Responses to tropical storms • Monitoring, prediction, protection, planning **AO3: Application** • How climate change affects the distribution, frequency and intensity of tropical storms • Case study: Tropical storm – Typhoon Haiyan *Extreme* weather event in the UK **AO4: Skills** • Map skills – locations • Interpreting data • Use of statistics
Term 2 Climate Change The Urban World	**AO1: Knowledge** • Evidence for climate change **AO2: Understanding** • Natural and human factors • Overview of the effects of climate change on people and the environment • Mitigation and adaptation to climate change **AO3: Application** **AO4: Skills** • Map skills – locations • Interpreting data • Use of statistics **AO1: Knowledge** • Trends of urban change HIC vs LIC • Push-pull factors – migration • Definition of natural increase • Megacities **AO2: Understanding**

	• Opportunities and challenges for social, economic and environmental factors • Causes of urban growth **AO3: Application** • Case study Rio de Janeiro Example - Favela Bairro project **AO4: Skills** • Map skills – locations • Interpreting map data – chloropleth • Use of statistics
Term 3 Urban change in the UK Sustainable urban planning	**AO1: Knowledge** • Distribution of population and cities in the UK • Location of London in UK and wider world - Importance • Causes of growth in London **AO2: Understanding** • Opportunities and challenges for social, economic and environmental factors • Causes of urban growth **AO3: Application** • Case study – London - Olympic Park regeneration project **AO4: Skills** • Map skills – locations **AO1: Knowledge** • Distribution of population and cities in the UK • Location of London in UK and wider world - Importance • Causes of growth in London **AO2: Understanding** • Opportunities and challenges for social, economic and environmental factors • Causes of urban growth **AO3: Application** • Case study – London - Olympic Park regeneration project **AO4: Skills** • Map skills – locations
Term 4 Ecosystems	**AO1: Knowledge** • Features of food chains and food webs • Definitions of producers, consumers, decomposers etc

and Tropical rainforests	- Location of global ecosystems and biomes - Physical characteristics of tropical rainforests **AO2: Understanding** - Relationships within ecosystems and balance - Change in ecosystems - Relationship between climate, water, soil, plants, animals and people - Adaptations to tropical rainforests – plants and animals **AO3: Application** - Example of a small-scale UK ecosystem - Case study - Deforestation case study – Malaysia Loss of biodiversity Cause, effect and response **AO4: Skills** - Map skills – locations - Interpreting graph data – deforestation - Climate graphs – interpreting data - Use of statistics
Term 5 Hot Deserts River landscapes	**AO1: Knowledge** - Physical features of the desert **AO2: Understanding** - Challenges and opportunities for development in hot deserts - Cause, effect and response to desertification **AO3: Application** - Case study – Thar desert **AO4: Skills** - Map skills – locations - Climate graphs – interpreting data - Use of statistics **AO1: Knowledge** - Features of long profile of a river - Cross profiles - Erosional processes, transportation and deposition **AO2: Understanding** - River landforms and formation - Erosional and depositional - Cause, effect and responses to flooding **AO3: Application** - Example – River Tees - Example – river management – Banbury **AO4: Skills** - Map skills – locations

	• Use of statistics
Term 6 Continuation of River landscapes from term 5 Fieldwork	**AO1: Knowledge** **Fieldwork processes** • Data types – qualitative vs quantitative • Sampling methods • Data collection **AO2: Understanding** **AO3: Application** • Collect data – apply to theory • Present results and draw conclusions • Evaluate methods **AO4: Skills** • Map skills – locations • Data collection and sampling • Fieldwork techniques • Using equipment • Use of statistics

Year 11
Exam Board: AQA

Term 1 UK and coastal landscapes	**AO1: Knowledge** • Wave types and characteristics • Weathering and mass movement • Erosional processes, transportation, LSD **AO2: Understanding** • Erosional and depositional coastal landforms • Managing the coastline • Hard and soft engineering **AO3: Application** Examples: • Landforms – Swanage Bay • Management – Lyme Regis **AO4: Skills** • Map skills – locations • Use of statistics
Term 2	**AO1: Knowledge** • Distribution of population and cities in the UK

<u>Urban change in the UK</u>	• Location of London in UK and wider world ○ Importance • Causes of growth in London **AO2: Understanding** • Opportunities and challenges for social, economic and environmental factors • Causes of urban growth **AO3: Application** **Case study – London** Olympic Park regeneration project **AO4: Skills** • Map skills – locations • Interpreting map data – chloropleth • Use of statistic **AO1: Knowledge** • Planning for urban sustainability **AO2: Understanding** • Sustainable living in Freiburg, Germany **AO3: Application** • Design a sustainable city project **AO4: Skills** • Map skills – locations • Data analysis **PREPERATION FOR JANUARY MOCKS**
<u>Sustainable Urban Development</u>	
Term 3 <u>Resource management and energy</u>	**AO1: Knowledge** • Global distribution of resources • Opportunities and challenges for the UK – providing food • Opportunities and challenges for the UK – providing water • Opportunities and challenges for the UK – providing energy • Causes of increased energy demand **AO2: Understanding** • Impacts of energy insecurity • Ways to increase energy supply • Sustainable energy use – small and large scale **AO3: Application** • Example – natural gas extraction • Example - Micro-hydro scheme – Chambamontera, Peru **AO4: Skills** • Map skills – locations • Use of statistics
Term 4	**Mock papers completed for Paper 1 and 2**

Consolidation of units 1-11 Paper 1, Physical Geography	• Students given papers back after marking to go over mark schemes in lessons with their teacher to identify areas of strength and areas to be developed
	• Subject knowledge audits completed to help guide targeted revision in own time and in class
	• Data from mocks used to identify students needing targeted intervention strategies
	Exam preparation – Paper 1 – Living with the Physical Environment
	• Lessons with a focus on exam technique:
	    o Getting the most from the mark scheme
	    o Exam literacy – command words, keywords to put in answers
	    o 6 and 9 mark questions – practice structure
	    o Case studies from P1 units
	• Targeted revision sessions
	    o Students grouped based on needs (content knowledge/skill/technique practice)
	    o Sessions which focus on misconceptions/knowledge gaps from previous years, exam technique and geographical skills

Preparation for Issue Evaluation with pre-release material	• Students will read and be guided through the resources for paper 3. • Student to complete practice questions linked to prerelease material.

Term 5
 	
Continuation of revision units 1-11 Paper 1, Physical Geography until 23-05-22
 	
Consolidation of units 13-18 Paper 2, Human Geography
	Mock papers from Term 4
	• Students use feedback from their mocks discussed last term to inform their targeted revision for P2
	• Data from mocks used to identify students needing targeted intervention strategies
	
	Exam preparation – Paper 2 – Challenges in the Human Environment
	• Lessons with a focus on exam technique:
	    o Getting the most from the mark scheme
	    o Exam literacy – command words, keywords to put in answers
	    o 6 and 9 mark questions – practice structure
	    o Case studies from P2 units
	• Targeted revision sessions
	    o Students grouped based on needs (content knowledge/skill/technique practice)
	    o Sessions which focus on misconceptions/knowledge gaps from previous years, exam technique and geographical skills

Term 6	**Exam preparation** • Mop-up revision sessions for knowledge gaps/areas for development • Key case study reviews and revision • Targeted intervention sessions with identified students from T4&5 • Preparation for Paper 2 – 7th June 2022

	• Preparation for Paper 3 – 14th June 2022