

Autumn Term

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
Topic	The living world							
Challenge Objective and Content (for all learners)	Exploring how ecosystems exist at a range of scales and involve the interaction between biotic and abiotic components. Interrelationships within a natural system. Producers, consumers, decomposers, food chain, food web and nutrient cycling. Impacts of changing one component of an ecosystem: Slapton Ley reed beds. Distribution and characteristics of large-scale natural global ecosystems:	Exploring how tropical rainforest ecosystems have a range of distinctive characteristics. Physical characteristics of tropical rainforests: Interdependence of features of tropical rainforests: Climate, water, soils, plants, animals, and people. Issues related to biodiversity. Adaptations of life in tropical rainforests: •Plant adaptation. Animal adaptation.	Explaining changing rates of tropical rainforest deforestation: Causes of deforestation in the Malaysian rainforest. •Subsistence and commercial farming. •Logging. •Road building. •Mineral extraction. •Energy development. •Settlement. Population growth.	Evaluating the impacts of deforestation in the Malaysian rainforest. •Economic development. •Soil erosion. •Contribution to climate change.	Discovering the value of tropical rainforests to people and the environment: Managing the rainforest sustainably: •Selective logging and replanting. •Conservation and education. •Ecotourism. •International agreements about the use of tropical hardwoods. •Debt reduction.	Introducing cold environments (polar and tundra) have a range of distinctive characteristics. Exploring physical characteristics of cold environments: Interdependence of features of cold environments: Climate, water, soils, plants, animals, and people. Issues related to biodiversity. Adaptations of life in cold environments: - Plant adaptation. - Animal adaptation.		
Inspire Opportunities			Evaluate the value of the Malaysian rainforest vs the value of it's exploitation.				To what extent is the fragile environment going to impact highly adapted organisms	
Assessment Opportunities		Short answer exam questions		Longer exam questions (6/9 marks)		Short answer & 6 mark Exam question assessment		9 Mark exam question

HALF TERM

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	
Topic	Unit 2A Urban issues and challenges						

Challenge Objective and Content (for all learners)	A case study of Alaska to illustrate development opportunities in cold environments: • mineral extraction • energy • fishing • tourism Challenges of developing cold environments: • extreme temperature • inaccessibility • provision of buildings and infrastructure.	Evaluating the value of cold environments as wilderness areas and why these fragile environments should be protected. Strategies used to balance the needs of economic development and conservation in cold environments: • use of technology • role of governments • international agreements • conservation groups.	What is the global pattern of urban change. Urban trends in different parts of the world including HICs and LICs? Factors affecting the rate of urbanisation. The emergence of megacities	A case study of Rio de Janeiro to illustrate: • the location and importance of the city, regionally, nationally and internationally • causes of growth: natural increase and migration • how urban growth has created opportunities: • social: access to services – health and education; access to resources – water supply, energy • economic: how urban industrial areas can be a stimulus for economic development • how urban growth has created challenges: • managing urban growth – slums, squatter settlements • providing clean water, sanitation systems and energy • providing access to services – health and education • reducing unemployment and crime • managing environmental issues – waste disposal, air and water pollution, traffic congestion. An example of how urban planning is improving the quality of life for the urban poor.		
Inspire Opportunities	Comparison between Alaska and differing cold environments (e.g Svalbard)	Evaluation of the environmental cost of developing cold environments against their economic value	Assessing impacts of Urban Sprawl	Evaluating significance of different factors and strategies to manage urban change		
Assessment Opportunities	Short answer questions	End of unit test	9 Mark Exam Q			9 Mark Exam Questions & case study-based assessment.

Spring Term

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	HALF TERM
Topic	Unit 2A Urban issues and challenges						
Challenge Objective and Content (for all learners)	Overview of the distribution of population and the major cities in the UK. A case study of Portsmouth to illustrate: - the location and importance of the city in the UK and the wider world - impacts of national and international migration on the growth and character of the city - how urban change has created opportunities: - social and economic: cultural mix, recreation and entertainment, employment, integrated transport systems - environmental: urban greening - how urban change has created challenges: - social and economic: urban deprivation, inequalities in housing, education, health and employment - environmental: dereliction, building on brownfield and greenfield sites, waste disposal - the impact of urban sprawl on the rural–urban fringe, and the growth of commuter settlements. An example of an urban regeneration project to show: - reasons why the area needed regeneration the main features of the project.					What are the features of sustainable urban living: - water and energy conservation - waste recycling - creating green space. How urban transport strategies are used to reduce traffic congestion.	
Inspire Opportunities	Assessing impacts of Urban Sprawl Assessment of relative success of regeneration projects on different groups					Evaluate of effectiveness of different strategies	
Assessment Opportunities	9 Mark exam Q Case Study knowledge test						

	Week 1	Week 2	Week 3	Week 4	Week 5	EA
Topic	Unit 2C: The challenge of resource management					

Challenge Objective and Content (for all learners)	Food, water and energy are fundamental to human development. The significance of food, water and energy to economic and social well-being. An overview of global inequalities in the supply and consumption of resources.	An overview of resources in relation to the UK. Food: - the growing demand for high-value food exports from low income countries and all-year demand for seasonal food and organic produce - larger carbon footprints due to the increasing number of 'food miles' travelled, and moves towards local sourcing of food - the trend towards agribusiness. Water: - the changing demand for water - water quality and pollution management matching supply and demand – areas of deficit and surplus - the need for transfer to maintain supplies. Energy: - the changing energy mix – reliance on fossil fuels, growing significance of renewables - reduced domestic supplies of coal, gas and oil - economic and environmental issues associated with exploitation of energy sources.		Demand for energy resources is rising globally but supply can be insecure, which may lead to conflict. Areas of surplus (security) and deficit (insecurity): - global distribution of energy consumption and supply - reasons for increasing energy consumption - factors affecting energy supply Impacts of energy insecurity	Different strategies can be used to increase energy supply. Overview of strategies to increase energy supply: - renewable and non-renewable sources of energy - an example to show how the extraction of a fossil fuel has both advantages and disadvantages. Moving towards a sustainable resource future: - individual energy use and carbon footprints - an example of a local renewable energy scheme in an LIC or NEE to provide sustainable supplies of energy.	
	Inspire Opportunities	Consideration of effectiveness of different strategies to manage UK Resources			Evaluation of effectiveness of different methods to reduce energy insecurity	
	Assessment Opportunities		6/9 mark exam questions		Unit test	

Courage Term

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	HALF TERM
Topic	Field Work and Decision-Making preparation				Exams & Revision		
Challenge Objective and Content (for all learners)	Analysis of pre-release materials Practice decision making from pre-release materials Unseen fieldwork skills – Risk Assessments, Data Collection & Presentation, Formulating conclusions. TBC once pre-release issued.						
Inspire Opportunities	AO3 development of justification/evaluation to access level 3 marks.						
Assessment Opportunities	Practice 6 & 9 Mark Q's based on Paper 3 content						

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	SUMMER
Topic	Exams & Revision						
Challenge Objective and Content (for all learners)							
Inspire Opportunities							
Assessment Opportunities							