

CORE KNOWLEDGE

What I will know and understand by the end of Year 7.



This year in Geography we will be learning:		This links to:	Key vocabulary:		
1	<p>Amazing Places</p> <ul style="list-style-type: none"> You will learn how to use four and six figure grid references to read a map. You will use maps linked to different continents in order to gain an understanding of how places differ around the world. You will begin to 'Write like a geographer' using explain phrases to develop our answers 	You will develop the ability to read a map using four and six figure grid references. You will also develop the skills to self and peer assess our work.	<ul style="list-style-type: none"> Physical Human Continents Oceans Latitude Grid references 	<ul style="list-style-type: none"> Equator Tropics of Cancer and Capricorn Slum Relief 	
2	<p>Settlement and Urbanisation</p> <ul style="list-style-type: none"> You will understand the factors that affect the site and situation of a settlement and how this has affected their function. You will discover the reasons for Middlesbrough's site and function. You will learn the reasons Middlesbrough has changed over time and will be able to explain how this has impacted on people and the environment. 	You will develop and understanding of the interrelationships between people and the environment and how they change over time. This links to the Brazil topic in the summer term.	<ul style="list-style-type: none"> Settlement Population Site Situation Function 	<ul style="list-style-type: none"> Industrialisation Agriculture Urban Rural Teesside 	
3	<p>Weather and Climate</p> <ul style="list-style-type: none"> You will discover the different ecosystems on Earth and will be able to describe the characteristics of these locations. You will investigate the different ways that we measure weather and how the weather in the UK varies over time and space. You will study two extreme weather events in the UK and the impacts and responses to this by both people and the environment. 	This links to the features of ecosystems studied in term 4 and cold environments in term 6. You will also develop and understanding of impacts and responses to natural hazards which you will study in Year 8.	<ul style="list-style-type: none"> Weather Climate Ecosystem Latitude The water cycle 	<ul style="list-style-type: none"> Precipitation Prolonged rainfall Hazard Beast from the East Extreme cold 	
4	<p>Ecosystems: Tropical Rainforests</p> <ul style="list-style-type: none"> You will learn about the different ecosystems on Earth and their importance on both a local and a global scale. You will investigate TRF and their importance to both people and the global ecosystem. You will consider the importance of the Malaysian Rainforest and will explain how it is managed. 	You will develop an appreciation of local actions and their global consequences. This is revisited in Year 8 when studying about Climate Change.	<ul style="list-style-type: none"> Ecosystem Biome Biotic/Abiotic Food chain Nutrient cycle 	<ul style="list-style-type: none"> Rainforest Biodiversity Adaptation Conservation Deforestation Carbon sink 	
5	<p>Rio de Janeiro</p> <ul style="list-style-type: none"> You will investigate Brazil and the differing levels of development within the country, focussing particularly on Rio de Janeiro. You will investigate how industrialisation has changed Rio de Janeiro both socially and economically You will discover what life is like in a Favela and evaluate the different schemes that have been used to try and improve life in these areas. 	You will link to prior knowledge of ecosystems and in particular-TRF. You will also develop your knowledge of people and environments.	<ul style="list-style-type: none"> South America Brazil Imports/Exports Industrialisation Favelas 	<ul style="list-style-type: none"> Pacification Site and Services Scheme Opportunities Challenges 	
6	<p>Cold Environments</p> <ul style="list-style-type: none"> You will learn the key characteristics of cold environments and the adaptations of plants and animals that live there, using Alaska as a case study. You will evaluate the opportunities and challenges of development in a cold environment, with a focus on Alaska You will consider how cold environments can be managed: government action and technological solutions 	You will link to your learning of the opportunities and challenges of developing a natural landscape and the impact of climate on human activity.	<ul style="list-style-type: none"> Polar Tundra Arctic Antarctic Permafrost 	<ul style="list-style-type: none"> Biodiversity Adaptation Trans Alaska Pipeline Conservation ANWR 	
Target Grade		AP1	AP2	AP3	

CORE KNOWLEDGE

What I will know and understand by the end of Year 8.



This year in Geography we will be learning:		This links to:	Key vocabulary:		
1	<p>Development</p> <ul style="list-style-type: none"> We will learn what development is and how it can be measured We will compare and contrast levels of development globally We will investigate obstacles to development and how they can be overcome 	You will develop a knowledge and understanding of how physical and human factors affect levels of development and the lives of people who live there.	<ul style="list-style-type: none"> Development Standard of Living Quality of Life GNI Life Expectancy 	<ul style="list-style-type: none"> Literacy Rate Infant Mortality Employment Structure Inequalities Obstacle HDI 	
2	<p>Energy and the Environment</p> <ul style="list-style-type: none"> You will investigate the different sources of energy and the difference between energy and the environment. You will examine the UK's energy mix and how it has changed over time. You will evaluate the use of fossil fuels in the UK and the alternatives to them as a primary energy source. 	You will develop and understanding of the interrelationships between people and the environment and how they change over time.	<ul style="list-style-type: none"> Energy Renewable Non-Renewable Fossil Fuels Energy Mix 	<ul style="list-style-type: none"> Energy Security Fracking Climate Change 	
3	<p>Sustainable Development</p> <ul style="list-style-type: none"> You will link with energy and the environment in order to acknowledge the challenges of living sustainably. You will evaluate the BedZed community as an example of sustainable living and you will identify some of the barriers to this direction of development in LIC's. You will compare and contrast the effectiveness of large and small scale development projects in LICs. 	You will link to barriers to the opportunities and challenges of energy sources as discussed in the previous module. Whilst also building on your knowledge of differing levels of development globally	<ul style="list-style-type: none"> Sustainable Urban Greening Conservation Recycling Consumption 	<ul style="list-style-type: none"> Poverty Technology Carbon capture Transport 	
4	<p>Investigating India</p> <ul style="list-style-type: none"> You will learn the causes and effects of uneven development in India. You will evaluate the opportunities and challenges of India's recent and rapid industrialisation and economic growth. You will investigate some of the redevelopment projects across India's urban areas and discuss the opportunities and challenges of these schemes. 	You will link to the Brazil module from year 7 and the development module in order to consider inequalities in development on a countrywide level.	<ul style="list-style-type: none"> Human and Physical Features Infrastructure NEE BRICS TNC's 	<ul style="list-style-type: none"> Multiplier effect Economy Environment Inequality Regeneration 	
5	<p>Hazards</p> <ul style="list-style-type: none"> You will learn what a hazard is and where they occur geographically. You will develop an understanding of the causes of different hazards and the human and physical factors that worsen the effects of a hazard. You will evaluate the differing responses to hazards using case studies of real life hazard events from around the world. 	You will link to prior knowledge of the interrelationships between people and places and how this affects their levels of development.	<ul style="list-style-type: none"> Hazards Disaster Tropical Storm Hurricane Tornadoes 	<ul style="list-style-type: none"> Wildfire Volcano Earthquake Risk 	
6	<p>Rivers of Water and Ice</p> <ul style="list-style-type: none"> You will investigate the journey that a river takes from source to mouth. You will learn about the processes involved that form and change the landscape along the rivers course. You will learn about the problems that arise when a river floods and evaluate the methods that humans employ in response to flooding. 	You will link to your learning of the interrelationships between people and places and how human actions can influence problems in the landscape.	<ul style="list-style-type: none"> River Erosion Upper Course Middle Course Lower Course Waterfall, 	<ul style="list-style-type: none"> Meander Floodplain Levees Glaciers U-shaped valleys 	
Target Grade		AP1	AP2	AP3	

CORE KNOWLEDGE

What I will know and understand by the end of Year 9.



This year in Geography we will be learning:		This links to:	Key vocabulary:	
1	<p>How the sea shapes the land and affects people lives</p> <ul style="list-style-type: none"> We will learn how processes of erosion shape the coast We will learn how processes of deposition shape the coast We will evaluate strategies of coastal management 	Processes of erosion - rivers. The formation of landforms due to erosion and deposition studied in Year 8	<ul style="list-style-type: none"> Fetch Swash Backwash Constructive Destructive Erosion Deposition 	<ul style="list-style-type: none"> Transportation Longshore Drift Coastal Management Resistant Hard/soft engineering
2	<p>Why some places are more crowded than others</p> <ul style="list-style-type: none"> We will learn about factors that affect where people live We will learn about factors that affect population change We will learn to evaluate some of the issues population change will bring. 	Levels of development and factors that affect birth and death rates. The impact of urbanisation and industrialisation of population.	<ul style="list-style-type: none"> densely sparsely birth rate death rate migration 	<ul style="list-style-type: none"> push & pull factors life expectancy infant mortality overpopulation
3	<p>Why some rivers flood</p> <ul style="list-style-type: none"> We will learn to Identify and explain the factors that affect discharge. We will be able to Link the causes and effects of flooding. We will learn to Evaluate flood management strategies. 	Rivers processes and levels of development. Management of Hazards and the links between causes, effects and responses	<ul style="list-style-type: none"> hydrological cycle precipitation surface runoff infiltration 	<ul style="list-style-type: none"> interception permeable impermeable discharge lag time
4	<p>Why some places experience earthquakes and volcanoes</p> <ul style="list-style-type: none"> We will learn to explain the causes and effects of tectonic theory. We will learn to link causes and effects of the Haiti earthquake. We will be able to consider and evaluate the management of tectonic hazards in a HIC and a LIC. 	The process of convection, from weather and climate. The influence that levels of development have on the ability to manage hazards.	<ul style="list-style-type: none"> tectonic plate plate margin convection current crust 	<ul style="list-style-type: none"> earthquake volcano Focus Epicentre seismic wave
5	<p>Resource Management and Global Water Supply</p> <ul style="list-style-type: none"> We will learn about the global consumption of resources We will learn about the Opportunities and Challenges that the UK faces with management of resources We will learn about factors that affect water security We will learn about strategies to increase water supply and to make it more sustainable 	Levels of development, energy and the environment and the need for sustainable development.	<ul style="list-style-type: none"> energy mix carbon footprint agribusiness food miles water stress water insecurity Irrigation grey water 	<ul style="list-style-type: none"> consumption security surplus Deficit Sustainable Desalination sand dam Conservation abstraction
6				
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