Lesson I:	Lesson 2:	Lesson 3:	Lesson 4:	Lesson 5:	Lesson 6:
WALT: Describe the	WALT: Describe the main	WALT: Investigate	WALT: describe the	WALT: Describe the	WALT: Explain why
physical process of climate	causes and effects of	geographical areas where	physical features of a coast	purposes, advantages and	erosion is more prevalent
change and some of the	climate change and the	climate change is having a	and explain the processes	disadvantages of sea	at the Holderness coastline
predicted effects of climate	attempts to manage it:	noticeable effect:	of erosion and deposition,	defences.	than at any other area in
change.					Europe
	Know that climate change	Know that climate change	Know that the surface of	Know that the coastline is	
Know that climate change	is caused by mainly human	will affect areas differently.	the earth is completely	managed by engineers who	Know the location of the
is a long term change in	processes.		covered in rock	build artificial structures.	Holderness coast in the UK.
the earth's climate.		Know that Kenya may be			
	Know that the burning of	unable to grow vital crops	Know most of this rock is	Know these structures try	Know the Holderness coast
Know that temperatures are	fossil fuels such as coal	such as tea due to rainfall	submerged but the higher	to control natural	is the fastest eroding
rising because of climate	and oil emits CO2 which	patterns being less	areas are called land.	processes.	coastline in Europe
change.	is an invisible greenhouse	predictable.			
	gas.		Know that coasts are	Know that sea walls are	Know the cliffs are made of
Know that the earth has		Know that farming	where the edge of the	made of concrete and are	soft clay and there are
warmed by an average of	Understand the greenhouse	communities in developing	higher land meet the	placed at the bottoms of	powerful waves along the
1°c in the last century.	effect.	countries will experience	oceans.	cliffs and tops of beaches.	coast
		higher temperatures,			
Know that small changes	Know that electric cars, low	increased rain, floods and	Know that there are	Know that they are	Know that it is mainly
in the climate have a huge	emission zones in cities	droughts	geographical features of	effective at protecting the	made up of chalk/glacial
effect on people and	(ULEZ in London) and		coasts such as headlands,	cliff and provide places for	compounds that are easily
wildlife around the globe.	low-energy light bulbs are	Know that polar bears will	beaches, cliffs, arches,	people to walk along.	eroded such as boulder
	ways of managing carbon	have fewer places to hunt	stacks and bays.		clay.
Know that the changing	emissions.	and rest as their habitat is		Know that rock armour is	
climate will make our		melting.	Know these features are	another method of sea	Know that the Holderness
weather more extreme and	Understand that reducing		caused erosion and	defence where rocks large	coastline is more
unpredictable.	and reusing materials	Know that in Indonesia,	deposition,	boulders are placed at the	susceptible to erosion due
	reduces carbon emissions.	orangutans are under		bottom of a cliff to protect	to its location facing the
Know that predicted effects	Know that reducing 'food	threat because of	Know that erosion is the	it	North Sea
include: increased rainfall,	miles' is a current strategy	deforestation,	wearing away of rocks		
change in the seasons,	to reduce emissions.		through wind blowing over	Know that the rocks are	
shrink in sea ice, rise in sea			waves - the force of the	expensive to transport and	
levels.			waves erode the land.	look different from a	
				natural cliff.	
			Know that waves erode	IZ LI L	
			soft areas of rock	Know that groynes are	
				wooden or rock structures	
			Know that deposition is the	built out into the sea	
			dumping of rocks which		
			forms beaches.		

Lesson I	Lesson 2	Lesson 3	Lesson 4	Lesson 5	Lesson 6	
WALT: Describe the	WALT: Describe the diversity that is	WALT: Describe the	WALT: identify the most and	WALT: locate the most	WALT: Describe the p	hysical features of
geographical location of the	associated with the climate zones that	changes in the population	least populous cities in North	significant rivers of North	rivers and explain why pollution in a river	
continent of North America	are found in North America	of North America from the	America and compare them.	America and contrast	affects more than one	population
and identify important		1500s to the 1600s		their geographical		
locational details.	Know that North America stretches close	Know the meaning of	Know the most populous cities.	locations.		
	to the equator and North Pole.	colonise and indigenous.	Know why certain parts are	Know the reasons rivers	Know where rivers star	t and the direction they
Know that North America is	Know all climate zones are located	Know that Europeans	sparsely populated - parts of	are important in North	flow.	Į.
in the Northern Hemisphere.	within North America	began to colonise the	Canada and Greenland	America.	Know that a twist and t	turn in a river is called
Know the oceans that border	Know that the variety provides diverse	Americas and explain why	Know why Alaska is sparsely	Know that rivers are	a meander:	
North America	agricultural resources.	- minerals/gold/fertile	populated	important to indigenous	Know that land surroun	iding a river is
Know the largest country		ground,	Know Mexico City is the most	people.	generally fertile and wh	rat this means.
and the largest population.		Know that indigenous	populated and why.	Know the Rio Grande is	Know that sewage and	fertilisers are polluting
Know the 49th parallel forms		people occupied the		becoming more dangerous	rivers.	1 0
the border between USA and		Americas before Europeans		due to pollution	Know that river pollutio	n affects multiple
Canada.		arrived and explain the			communities and give o	
		changes.			Grande.	, ,
Lesson 7	Lesson 8	Lesson 9	Lesson 10	Lesson II	Lesson 12	Lesson 13
WALT: Describe the nature	WALT: Explain how mountains are	WALT: describe the	WALT: identify and explain some	WALT: describe	WALT: explain	WALT: Locate the
of a topographic map and	formed by the movement of tectonic	geographical location of	of the geographical diversity in	population density and	what a tributary	geographical
explain why it is useful	plates and know how the Rocky	South America and South	South America	compare population	and river basin is	location of South
	Mountain chain formed	American countries		information in South	and identify	America's major
Know that a topographic	-		Know that South America contains	America	physical features of	mountain ranges.
map shows physical features.	Know that tectonic plates move.	Know South America is	some of the wettest places on earth		South America's 3	_
Know that these features are	Know that tectoric plates include	made up of 12 countries.	(its rainforests) and some of the	Know that roughly 432	main river basins.	Know that Andes are
usually natural but can	continental and oceanic crusts.	Know that Brazil is the	driest (Atacama desert).	million people live in South		formed by subduction.
include man-made	Know that mountains can be formed	largest country in South	Know the numbers of indigenous	America	Know that the	Know the Andes
Know that the physical	when continental crusts push together	America:	people are getting smaller in South	Know that Brazil is the	Amazon is the	Mountains stretch
features will include	and force land up,	Know that Bolivia and	America	most populous country in	largest river basin in	along the western
mountains, rivers, lakes and	Know that mountains can be formed	Chile are both landlocked	Know that Spanish in the main	South America	the world	side of South
levels of elevation.		countries in South America	language spoken in South America,	Know that the western and	Know that Angel	America.
Know that topographic maps	when oceanic crusts are subducted	Know that South America	Know that Portuguese is spoken in	eastern coasts are more	Falls is located in	Know that many
and political maps show	below continental crusts.	is mostly located within the	Brazili	densely populated than the	South America and	Andean peaks are
different things.	Know the Rocky Mountain range is	Southern and Western	Know that some European	interior and far south,	is the highest in the	higher than those in
Know that a topographic	mountain range on the west coast of	Hemisphere.	languages are spoken due to past	Know that there are high-	world	North America
map might be useful for	North America	Know that it is the 4 th	colonisation	population, related, problems	I Know that the 3 most I	Know that the Andes
map might be useful for military predicting weather	Know that the Rocky Mountains were	Know that it is the 4 th	colonisation. Know that the largest city is Sac	population related problems in South America ea.	Know that the 3 most important river	Know that the Andes
military, predicting weather	Know that the Rocky Mountains were formed by subduction and that there is	largest continent	Know that the largest city is Sao	in South America e.g.,	important river	span 7 countries.
	Know that the Rocky Mountains were	largest continent. Know that the equator runs	Know that the largest city is Sao Paolo and the smallest country is	in South America e.g., housing shortages:	important river basins in South	span 7 countries. Know the source of
military, predicting weather	Know that the Rocky Mountains were formed by subduction and that there is	largest continent: Know that the equator runs directly through South	Know that the largest city is Sao	in South America e.g., housing shortages: Know that the Amazon	important river basins in South America are the	span 7 countries. Know the source of the Amazon river is
military, predicting weather	Know that the Rocky Mountains were formed by subduction and that there is	largest continent. Know that the equator runs	Know that the largest city is Sao Paolo and the smallest country is	in South America e.g., housing shortages:	important river basins in South America are the Amazon, Orinoco	span 7 countries. Know the source of the Amazon river is in the Andes.
military, predicting weather	Know that the Rocky Mountains were formed by subduction and that there is	largest continent: Know that the equator runs directly through South	Know that the largest city is Sao Paolo and the smallest country is	in South America e.g., housing shortages: Know that the Amazon	important river basins in South America are the	span 7 countries. Know the source of the Amazon river is in the Andes. Know there is a great
military, predicting weather	Know that the Rocky Mountains were formed by subduction and that there is	largest continent: Know that the equator runs directly through South	Know that the largest city is Sao Paolo and the smallest country is	in South America e.g., housing shortages: Know that the Amazon	important river basins in South America are the Amazon, Orinoco	span 7 countries. Know the source of the Amazon river is in the Andes. Know there is a great deal of seismic
military, predicting weather	Know that the Rocky Mountains were formed by subduction and that there is	largest continent: Know that the equator runs directly through South	Know that the largest city is Sao Paolo and the smallest country is	in South America e.g., housing shortages: Know that the Amazon	important river basins in South America are the Amazon, Orinoco	span 7 countries. Know the source of the Amazon river is in the Andes. Know there is a great
military, predicting weather	Know that the Rocky Mountains were formed by subduction and that there is	largest continent: Know that the equator runs directly through South	Know that the largest city is Sao Paolo and the smallest country is	in South America e.g., housing shortages: Know that the Amazon	important river basins in South America are the Amazon, Orinoco	span 7 countries. Know the source of the Amazon river is in the Andes. Know there is a great deal of seismic

Maps - composites and components

Lesson I:	Lesson 2:	Lesson 3:	Lesson 4:	Lesson 5:	Lesson 6:
WALT: use atlases to	WALT: identify	WALT: identify and use	WALT: use four and six	WALT: plan a	EOU guiz
locate cities and	Ordnance Survey map	the 8 compass points.	figure grid references to locate	route using the	
countries and describe	symbols.		places on a map.	eight compass	
features.		Know the four main		points and 4/6	
	Know that maps use	compass points.	Know that maps have a grid	figure grid	
Know that maps contain	symbols instead of real-		system to help with accuracy.	references.	
titles, compass roses,	life pictures.	Understand that to be			
map keys and scales.		more precise, we use	Know that horizontal lines are	Know that maps	
	Understand that maps	more compass points	called eastings.	have a grid system	
Know that these features	use symbols because	based on the main 4.		to help with	
are to help us locate	they are easy to spot		Know that vertical lines are	accuracy.	
places and understand	and clear.	Know that the 8	called northings.		
the information		compass points are		Understand that	
presented.	Know that each square	found on most maps.	Understand that by combining	6-digit references	
	in an OS map represents		the numbers of eastings and	are more precise	
Understand that there	lkm ²	Know how to use the 8	northings a four-digit grid	than 4 digit	
are lines of longitude		compass points to locate	reference is formed.	references.	
and latitude on a map,	Know the main ordnance	places on a map.			
and these are to pinpoint	survey map symbols.		Know how to locate a place	Know that routes	
specific locations.		Know the four main	using a four-digit grid	can be planned by	
	Understand that roads	points are cardinal	reference.	using grid	
Know that most maps	and paths have different	directions.		references and	
have a key which show	coloured and styled lines.		Know that each square in a	compass directions.	
what each symbol/colour		Know the 4 extra points	grid system can be divided		
means.	Understand that large	are ordinal directions.	into a 10x10 grid.	Know how to plan	
	features have (often)			a short route using	
Understand that maps	square shaped symbols		Know that this new division	compass points	
are shrinking a large	that are one colour.		forms a six-digit grid	and grid	
area			reference.	references.	
			Understand that 6-digit		
			references are more precise		
			than 4-digit references.		

Lesson I	Lesson 2	Lesson 3	Lesson 4	Lesson 5	Lesson 6
WALT: identify what ocean	WALT: understand	WALT: locate the Earth's	WALT: explain what biomes	WALT: locate and describe	WALT: explain the human
currents are and how they	what the Great Pacific	biomes and climate zones.	and climate zones are.	tropical rainforest biomes.	processes that affect the
are created.	Garbage Patch is and				tropical rainforest biomes.
	how it is formed.	Know that a biome is a	Know that a biome is a way	Know that a tropical rainforest	
Know that an ocean current		way to categorise the	to categorise the Earth's	occurs in equatorial and sub-	Understand that tropical
is a continuous movement of	Know that gyres travel	Earth's surface.	surface.	equatorial climate zones.	rainforests are home to a
water from one place to	clockwise in the				diverse array of plants and
another.	northern hemisphere.	Know that there are	Know that biomes are based	Know that a tropical rainforest	animals.
		terrestrial biomes and	on climate patterns, soil	biome is hot, wet and has a high	
Know that currents are	Know that gyres travel	aquatic biomes.	types and the flora and	level of precipitation.	Understand that many of
created by wind, water	anti clockwise in the		fauna that inhabit the area.		the foods we eat come from
temperature, salt content and	southern hemisphere.	Know the locations of the		Know the countries in which the	tropical rainforests such as
the gravity of the moon.		Earth's ten biomes.	Know that all places in a	top five largest rainforests are	bananas, coffee, chocolate
	Know that the Great		climate zone have similar	located: Brazil, DRC, Indonesia,	and rubber.
Know that the currents are	Pacific Garbage Patch	Know that there are 7	climates throughout the year.	Peru, Columbia	
called gyres.	is a big area of	climate zones on the earth.			Understand that about 25%
	rubbish in the middle	1/ 11 7	Know that biomes and	Know the four layers of the	of the medicines we use
Know that gyres can flow for	of the northern Pacific	Know the names of the 7 climate zones.	climate zones are linked.	tropical rainforest.	come from plants in the
thousands of miles.	Know that it is a	cumate zones.	Know that weather is the		rainforest.
Know that the Gulf stream is	patch of rubbish	Know that biomes and	day-to-day conditions in a	Understand that tropical rainforests are home to a diverse	Understand that heavy
a major example of an ocean	which is caught in	climate zones are linked	place.	array of plants and animals:	farming and cultivation to
current.	water currents.	currate zories are wiked	piace.	aray of parties and artificials.	produce these items of
Carreru.	water carrents.			Know that deforestation is a	loods causes heavy
Know that gyres travel	Know it is formed			huge issue that affects tropical	damage and has a direct
clockwise in the northern	because gyres are			rainforests and the world's	link to deforestation.
hemisphere.	circular which traps			climate.	a wo we digor estation w
	the rubbish.				Know that deforestation is
Know that gyres travel anti	3,73				a huge issue that affects
clockwise in the southern	Know some of the				tropical rainforests and the
hemisphere.	kinds of rubbish which				world's climate.
'	are in the Garbage				
Know that ocean currents	Patch				
affect the weather patterns					
around the world.					

Lesson 7	Lesson 8	Lesson 9	Lesson 10	Lesson II	Lesson 12
WALT: locate and describe	WALT: locate and	WALT: explain the human	WALT: locate and describe	WALT: explain the human	EOU quiz
desert biomes.	describe Savannah	processes that affect the	marine biomes.	processes that affect marine	·
	biomes	Savannah biomes.		biomes.	
Know that the desert biome			Know that the marine biome		
is an ecosystem that forms	Know that a savannah	Know that tourism is a	is the largest biome in the	Know that habitats are destroyed	
due to the low level of	is a rolling grassland.	huge draw to the	world:	in the ocean by drilling, mining	
rainfall it receives.		savannah.		or dredging for natural	
	Know that the largest		Know that it covers about	resources,	
Know that deserts cover	part of the savannah	Understand that the	70% of the earth's surface.		
about 20% of the earth.	is located in Africa.	savannah is a popular area		Understand that climate change	
	·	with nomads (Maasai tribe	Understand that marine	has increased carbon dioxide in	
Understand that there are	Understand that the	of Kenya).	regions are saline.	the atmosphere which warms the	
four major types of desert in	Serengeti is one of the			ocean too:	
this biome: hot and dry,	best known African	Know that the nomads	Know that the marine biome		
semi-arid, coastal and cold.	savannah.	allow animals to graze as	includes the five main	Know that oil spills occur	
		they move from place to	oceans (Pacific, Atlantic,	coating beaches and a wide	
Know they all have plant	Know that there are	place, allowing the	Indian, Arctic and Southern)	variety of animal and plant life.	
and animal life that have	areas of savannah in	vegetation to recover.	and many smaller gulfs and		
adapted to the conditions	North Åmerica and		bays:	Understand that overfishing	
there.	north and east of	Know that desertification		damages food chains in the	
	South America.	can result from poorly	Understand that the ocean is	oceans.	
Know that the desert biome		managed farming.	divided into three zones		
is a huge tourist attraction.	Understand that the		based on depth and light.	Understand the damage of	
	savannah is an area	Know that areas of desert		plastic pollution.	
Understand that the Sahara	that has a very dry	are created by the	Know the names of the three		
is the largest desert.	season and then a	destruction of natural	zones (euphotic, dysphotic,	Know that humans are making a	
	very wet season.	vegetation.	aphotic).	variety of choices to stop	
Know the climate of the	-			damage to marine biomes and	
desert biome.	Know that the	Know that causes of	Understand that the ocean	this includes: microbead ban,	
	savannah is warm all	desertification include:	biome is a diverse place and	recycling, marine protected areas,	
Know that the driest deserts	year round.	removal of vegetation	include: coral reefs, over l	banning single use plastics and	
only get Icm of rainfall every		cover by overgrazing and	million species of plants and	sustainable fishing.	
5-20 years.		uncontrolled wood	animals and an estimated 9		
		collection for fuel	million undiscovered species,		