"Geography explains the past, illuminates the present and prepares us for the future" Michael Palin

At Peasedown St John Primary School, we believe a high-quality geography education should inspire in pupils a curiosity and fascination about the world and its people and remain with them for the rest of their lives. Teaching should equip pupils with knowledge about diverse places, people, resources and natural and human environments together with a deep understanding of the Earth's key physical and human processes. As pupils progress, their growing knowledge about the world should help them to deepen their understanding of the interaction between physical and human processes and of the formation and use of landscapes and environments. Geographical knowledge, understanding and skills provide the frameworks and approaches that explain how the Earth's features at different scales are shaped, interconnected and change over time.

The national curriculum for geography aims to ensure that all pupils:

- develop contextual knowledge of the location of globally significant places both terrestrial and marine including their defining physical and human characteristics and how these provide a geographical context for understanding the actions of processes
- understand the processes that give rise to key physical and human geographical features of the world, how these are interdependent and how they bring about spatial variation and change over time
- are competent in the geographical skills needed to:
- collect, analyse and communicate with a range of data gathered through experiences of fieldwork that deepen their understanding of geographical processes
- interpret a range of sources of geographical information, including maps, diagrams, globes, aerial photographs and Geographical Information Systems (GIS)
- communicate geographical information in a variety of ways, including through maps, numerical and quantitative skills and writing at length.

We have chosen 'big ideas' (also known as 'threshold concepts') that build throughout our geography curriculum. These help children to develop conceptual understanding over time and to link old learning to new learning. The subject topics are mapped out to ensure coverage and to identify, logically and systematically, a clear progression in learning linked to these Big Ideas. Our Big Ideas in geography ensure that children learn and understand both substantive, factual, knowledge and disciplinary knowledge, the skills of 'being a geographer'.



National Curriculum Breadth of Study in Geography

	EY	TFS	и	ZS1			К	S2	
	N	R	Year 1	Year 2	Year 3	3	Year 4	Year 5	Year 6
Skills / Disciplines	How learning builds from The key concepts for geog the Early Years Foundation through topics and detaile vocabulary is contained in PSJ- The World and	raphy are introduced in a Stage. They are revisited additional information about	Understand how phyHave skills that enablInterpret a range of r	Interpret a range of maps, diagrams globes, photos and information systems					
Knowledge	■ PSJ- People and Comm	nunities	world. Y2 2. Name locate and ider cities of the UK and s 3. Understand similariti UK and a small area or country.Y1 4. Identify seasonal and 5. Locate the hot region relation to the poles 6. Use basic geographic (beach, cliff, forest, h soil, valley vegetation features (city, town, office, port, harbour 7. Identify UK countries oceans on maps, glob 8. Use compass directic language- near/far, le routes on a map. Y1 8 9. Use aerial photos to features, devise simp with a key. Y1 & Y2 10. Use field and observageography of the sch	7 continents and 5 oceans of our nitify the countries and capital urrounding seas. Y1 es of place in a small area of the of a contrasting non-European I weather patterns in the UK.Y1 as of the world and the cold in and the equator. Y2 al vocabulary of physical features ill, mountain, sea, ocean, river, a, season , weather) and of human village, farm, factory, farm, house, shop). Y1 & Y2 a, countries, continents and ones and atlases Y1 & Y2 ms and locational directional eff/right) to describe features and a try in the color of the surrounding in the color of the surro	1. Loc cor cor cor cor cor cor cor cor cor c	pocate world's concentrating of puntries and reame and local uman, physical pasts and rive me. entify the point Southern heretic and Antanderstand geographics and within News and vegater cycle. escribe and upse, economic ater. se maps, atlast escribe features ecompass, geographics and upse, economic ater.	on environmental remajor cities. ate places-counties a cal characteristics and early land use patterns osition and significant hemisphere, N and S arctic Circle, the Primaphy of a region of the North or South Amerunderstand aspects of egetation belts, mourunderstand aspects of activity, trade links, asses globes and digitares. grid ref 4 and 6 and der world. ure and record in the	is to focus on Europe, N is gions key physical and his not cities of UK-geograph topographical features and understand how the ce of latitude, longitude, poles, the Tropics of Carand difference through the UK, a region in a Euro	uman characteristics, nical regions with (hills, mountains, ney have changed over equator, Northern neer and Capricorn, and time zones. a study of human and pean country and a luding climate zones, rthquakes and the uding settlement, land y, food minerals and e countries and to build knowledge of and physical features

Our Overview of Geography Teaching (How we have organised the N.C. Breadth of Study)

	EY	′FS	K	S1	LK	(S2	UI	KS2
	N	R	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
2023-2024	Our homes - different types of homes Seasonal Changes Exploring winter and exploring Spring Habitats The seaside and rock pools	Seasons and environmental changes linked to the seasons (throughout the year) Our school and my route to school Describing our local area; using maps to locate PSJ and Bath Finding Bath and London on a UK map Famous London landmarks Flowering buds Road safety Farming and land use Earth in the past - Ice Age	The United Kingdom & Weather (What makes the UK the UK?) (seasonal and daily weather patterns in UK/hot and cold areas of the world) Local area and Hong Kong (Contrasting small area of the UK with a non-European country)	Oceans and Continents (In depth continent study) (Continents and oceans, climate zones) Street detectives (simple map & fieldwork of the school grounds & local area land use)	Where in the world (locating countries in Europe, rivers and mountains) Our European neighbours spotlight on the Alps (compare 2 European regions) Rivers (Niagara falls, Thames, Local Rivers)	Antarctica (Environmental regions) The USA (in depth country study) Mediterranean: Italy and Bath (similarities and differences two contrasting places)	Misty Mountains (mountains and the water cycle) Global Trade (Fair trade/food/location /supply chains/import and export)	Kenya: A changing county (Main countries in Africa, Asia and Australasia – in depth study: climate, impact of tourism, conservation and urban migration) The UK (land use, trade, immigration, diversity. Compare changes in 2 UK towns: Birmingham/local area) Volcanoes and Earthquakes

2024-2025 onwards

Our Overview of Geography Teaching (How we have organised the N.C. Breadth of Study)

	TERM 1			RM 2	TERM 3		TERM 4	TERM 5		ERM 6
	8 weeks	. 24		eeks - 20.12.24	6 weeks		6 weeks	5 weeks	-	weeks
	2.9.24 - 25.10.		4.11.24	- 20.12.24	012120 2111	0	24.2.25 - 4.4.25	22.4.25 -		5 - 18.7.25
	INSET 1 = 2nd S INSET 2 = 25th	•			INSET 3 = 6th Jan			23.5.25		= 20th July 5 = 21st July
		ctober	Novembe	Dec	lanuary	Feb	March	April May	June	, , , , , , , , , , , , , , , , , , ,
					January 1 2 3 4	5 6	1 2 3 4 5 6		1 2 3	July 4 5 6 7
EYFS	1 2 3 4 5 6 7 8 1 2 3 4 5 6 7		1 2 3 4	3 0	1 2 3 4 5 6	1 2 3 4 5	1 2 3	4 3 0 7		
ETFS	See Nursery a	tion Curricul	um Maps and	the progression	Docume	ent 🗏 PSJ- The World	and FSJ- People	and Comm	unities	
EYFS	See Nursery a	and Recep	tion Curricul	um Maps and	the progression Document 🗏 PSJ- The World			and PSJ- People	and Communities	
Year 1	Memory Boxe	es		and Local story	The United	The United Kingdom (to incl weather)		(to incl weather) Mary Anning / Big Dig		ong and the cal Area
Year 2	Significant Victo	orians (Bru	inel & Mary	Seacole)	Street Detec	tives	The Great Fire of London	Contin	ents and Oce	eans
Year 3	Stone Age to Iron	n Age	Where in	the world?		Ancient	: Egypt	Our European Neighbours	F	Rivers
Year 4	Romans Mediterranea		anean/Bath	Antarctio	a	The USA	And	Ancient Greeks		
Year 5	Maya Civilisati	ion	Globa	ıl Trade	Anglo Saxons and the Scots		Anglo Saxons and the Vikings	Misty Mountains	Tropical	Rainforests
Year 6	Georgian Bath & I	Bristol	,	changing untry	Volcanoes and Earthquakes		Children / Education across History		The UK / L	ocal fieldwork

Links to whole school curriculum drivers

	EY	'FS	К	S1	LK	(S2	UF	(S2
	N	R	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Community links - local and global, diversity and commonality	Local Area - houses in PSJ Looking after the environment on a local scale	Local Area - PSJ and Bath Looking after the environment on a local scale	Local Area - human and physical features and comparing these with a non EU country. Diversity and culture of a non EU country Looking after the environment on a local and global scale	Different ecosystems around the world and how they can look after them Local Area (fieldwork) - mapping (these skills can be translated to using maps on a national and global scale)	Diversity and culture of Europe Local and global rivers - how can we look after them	Global warming in Antarctica - how is this affecting the globe and relating it back to their local area Mediterranean and Bath comparison - physical and human features The USA diversity and culture The Romans and Bath (History Link)	Rainforests - human impact on these, how can we help? Global Trade - where do the children get their products from? The Romans and Bath: 23/24 (History Link)	The UK - Local Area (fieldwork) - how is their local area developing? Are they human impacts on the environment? Kenya - diversity and culture and the human impact on the environment Volcanoes and Earthquakes - do they affect us on a local scale?
Visits, opportunities and experiences		Slimbridge Wetland Centre - Wetland Wonders (Senses) Workshop	Weather Fieldwork	Mapping Fieldwork	Slimbridge Wetland Centre - The Water Cycle, Wetlands and Me Workshop River Fieldwork - River Somer	Sea Life Weymouth - Sea Defenders: Plastic Pollution Workshop Bristol Museum: The USA Exhibition Discovering Antarctica	Fairtrade Tea Party The Trading Game The Trading Game National Geographic Society Rainforest in a box Rainforest in a box Chools (chesterzoo.org)	Make a Volcano How to make a volcano Natural History Museum (nhm.ac.uk) Local Area Fieldwork

High quality books - fiction and non-fiction	The United Kingdom The Big Book of	Oceans and Continents The incredible	Where in the World Big Picture Atlas	Interactive Activities Discovering Antarctica Antarctica Shackleton's Journey - William	Roman Baths (23/24) Tropical Rainforests Expedition	Volcanoes and Earthquakes Earth Shattering
	Russell Williams Maps of the United Kingdom - Rachel Dixon Weather Tree: Seasons come, seasons go - Patricia Hegarty and Teckentrup The Weather Girls - AKI Delphine Mach Local Area and Hong Kong	planet Earth - Rachel Ignotofksy What a wonderful Earth - Leisa Stewart-Sharpe & Lydia Hill Earth's incredible oceans - Jess French & Claire McElfatrick Street Detectives Martha Maps it out - Leigh Hodgkinson	Atlas of Adventures by Lucy Leatherland Our European Neighbours Rivers Rivers: An Incredible Journey from Source to Sea - Simon Chapman Amazing Rivers - Julie Vosburgh Agnone Water Cycles - DK	Antarctica: A world of wonder - Mario Cuesta Hernando The USA National Parks of the USA - Katie Siber The 50 States - Gabriella Balkan Living in the USA - Jen Green Mediterranean	Rainforest - Simon Chapman Rainforest Warrior - Anita Ganeri The Rainforest Book - Charlotte Milner Misty Mountains Mountains of the World - Dieter Braun World Feature Focus: Mountains - Rebecca Khan Majestic Mountains: Discover Earth's Mighty Peaks - Mia Cassany Global Trade	Williams & Robin Jacobs Everything Volcanoes and Earthquakes - National Geographic Kids The Big Earth Book - Mark Brake Kenya The UK

Summary of key knowledge, skills and vocabulary that we teach through our Big Ideas

	EY	′FS	K	S1	LK	(S2	UK	(S2
	N	R	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Location Location is the position of a particular point of the Earth's surface.	Comments and asks questions about aspects of their familiar world such as the place where they live or the natural world	Locate our school and village in relation to Bath and London	The United Kingdom A continent is a large area made up of lots of different countries. The UK is located in the western part of Europe. The UK stands for the United Kingdom. The UK is made up of four countries and capital cities: England (London), Scotland (Edinburgh), Northern Ireland (Belfast) and Wales (Cardiff). Children will use a map to find the location of these on a map of the UK. Children will know whether our local area (PSJ) is urban or rural. Weather The equator is an imaginary line around the middle of the world. Places near the equator are hotter.	Oceans and Continents Recap Yr 1: Continents knowledge. There are 7 continents: Asia, Africa, North America, South America, Antarctica, Europe and Australasia (Oceania). Children should be able to describe the location of the 7 continents in relation to one another using appropriate NSEW vocabulary. Street detectives Recap knowledge learnt in Y1 about where PSJ is in the UK and our nearest towns, cities, beaches, ports and transport links.	Where in the world Recap Yr 2: Europe - Where we live. Locations of continents in relation to each other. Europe is surrounded by the Atlantic Ocean in the west and the Arctic Ocean in the north. Europe is in the northern hemisphere because it is north of the equator. The Arctic Circle runs through the north of Europe Recall Yr 1: North pole temperature. Our European neighbours Europe has 4 megacities: Paris, London, Istanbul and Moscow. Note: Istanbul is geographically in both Europe and Asia Recap Yr 2: Densely populated	Antarctica Recap Yr 1: South Pole. It is located in Antarctica, which is a continent covered in ice. It is in the southern hemisphere because it is south of the equator. The USA The USA is located in the continent of North America. It is in the northern hemisphere because it is north of the equator. The USA is surrounded by the Atlantic Ocean to the east and the Pacific Ocean to the west. The USA is made up of 50 states. Lines of longitude indicate that the USA has 6 time zones. Mediterranean The Mediterranean Sea is the sea which separates Europe to the north and Africa	Tropical Rainforests Recap Yr 1: Equator - countries near are hotter. The Tropic of Cancer (23.5°N) and the Tropic of Capricorn (23.5°S) are also lines of latitude. The tropical rainforest is a biome. Recap Yr 2: What is a biome? All tropical rainforests are located in tropical areas (between the two tropics). We can also call these places 'equatorial areas' due to their proximity to the equator. Misty Mountains Children should know the names and locations of some major mountains and mountain ranges on a global scale, e.g. Kilimanjaro (Tanzania, Africa), Everest and the Himalayas (Nepal, Asia), Mt. Elbrus	Kenya: A changing county Kenya is located in the east of Africa. It is an LIC (low income country) It has a coastline on the Indian Ocean. The Equator (latitude) runs straight through Kenya, which means that it has a tropical climate in some places. Nairobi is the capital city of Kenya. The UK Recap Yr 1: The UK countries and capital cities. Volcanoes and Earthquakes Children should be able to discuss the location of plate boundaries using appropriate geographic terminology (NSEW), e.g. there is a plate boundary along the western coastline of South America; there is a

Sea. Local area is located in England in the continent of Europe. Our local area is located in the south-west of England. Recall Yr 1: 4 countries of the UK - focus on England for our local area.	in England in the continent of Europ Our local area is located in the south-west of England. Recall Yr 1: 4 countries of the U - focus on England.	because 'Avon' is similar to the old Celtic word for 'river.' Wye (Wales) Usk (Wales) Foyle (Northern Ireland)	The Bay of Naples provides access to the Mediterranean Sea. Recall Yr 1: 4 countries of the UK - focus on England for our local area (Bath) is located in the south-west of England.	and locations of the UK's tallest mountains: Scafell Pike (England), Mt. Snowdon (Wales), Ben Nevis (Scotland) and Slieve Donard (Northern Ireland). Children should know the names and locations of some mountain ranges in the UK, e.g. the Pennines, Brecon Beacons, Cairngorms, Pennines, Snowdonia and the Grampians. Global Trade Children should be able to locate all the counties covered in this unit on a map and identify the connections/trade routes.	
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Physical Features



The things we see all around you created by nature. They would still be there even if humans were not. They include seas. mountains and rivers.

Developing an understanding of growth, decay and changes over time.

Describe their immediate environment using knowledge from observation, discussion, stories. non-fiction texts and maps.

Explore the natural world around them, making observations and drawing pictures of animals and plants.

The United Kingdom

A physical feature is

something that is

natural, e.g. a river,

mountain, beach, etc. Children could be supported in analysing images of the four countries to describe some characteristics of these places, e.g.: hilly/mountainous, busy/crowded, lots of farmland and farm animals. murals on buildings (N.Ireland). coastline, beaches, etc London has some physical features. such as the River Thames. Children will be able to identify and name human and physical features in PSJ and surrounding areas.

Weather

Weather is what the sky and air outside is like. Weather happens daily and climate is the pattern of weather in a place.

Local area and **Hong Kong**

Lamma Island is part of Hong Kong; it is south of the

Oceans and Continents

An ocean is a large body of water. There are 5 oceans: Pacific, Atlantic, Indian, Southern and Arctic.

Street detectives Children will be able to identify physical

features on maps.

Where in the world...

Children should be able to interpret photographs of features and categorise these features as physical. e.g. Mt. Blanc, Mt. Elbrus, Ben Nevis, Mt Etna, Danube River, River Rhine, Vistula River, etc.

Our European neighbours

Children to discuss the physical features you may find in different countries in Europe. E.g. mountains, beaches, rivers etc.

Rivers

A river is a body of water which flows across land in a channel with banks on either side. The start of a river is called the source. It is usually found in a hilly/upland area. The end of a river is called the mouth. It is usually where the river meets the sea. A river can be divided up into three sections: the upper course, the middle course and the lower course. Upper course; usually has a very

Antarctica

Children should know the difference between ice shelves (floatings pieces of ice which are attached to a land mass), glaciers and ice sheets (large masses of ice) and icebergs (a large piece of ice floating in the sea that has broken off a glacier or ice shelf). Antarctica is a mountainous environment.

The USA

The Grand Canyon is a river valley located in the state of Arizona. The Colorado River runs through this valley.

Mediterranean Children should be taught to interpret photography (aerial and ground-level) in order to describe the physical geography/shape of the Bay of Naples. When locating Naples in the atlas, they should apply this understanding to locate the Bay of Naples. Mt. Vesuvius is one of Europe's most active volcanoes,

which means it will

Tropical Rainforests

Vegetation refers to the types of plants and trees that are found in a certain place. Tropical rainforests have 4 lavers of vegetation: forest floor, understorey, canopy and emergent layer. Each layer has its own conditions and characteristics.

Misty Mountains

Mountains are

physical features, which means they are made by natural processes. A mountain is an elevation in the Earth's crust. A mountain range is a series of hills/mountains connected by elevated land. 'Relief' is the geographic term used to describe how high the land is elevated above sea level.

Global Trade

Children to discuss the raw materials needed to make items traded. Where do these come from? E.g. copper for an iphone.

Kenva: A changing county

A national park is an area of land that is protected from development; the natural landscape and habitats are conserved. The Masai Mara NP is located in the southwest of Kenya. It is part of the African Savanna (tropical grassland vegetation belt). It is the best-known wilderness area in Kenya; a wilderness area is a place that is almost entirely in its natural state; a place with little human impact. It is a conservation area - this means that people are working to protect the natural environment and the creatures that live there.

The UK

A national park is an area of land that is protected from development; the natural landscape and habitats are conserved. Examples of national parks in the UK include Exmoor. the Lake District,

	Islan Lami rural cour fewe Ther road so pr eithe or or Peop farm shop (tour Lami Look featu area (Rive	nma Island is al, meaning it is untryside and has ver people. ere are no proper ds on the island, people travel ner by bike, boat on foot. ople have jobs in ming, fishing, pps or hotels urists like to visit nma Island). ok at the physical tures of our local a - focus on Bath ver Avon, the ir, Limestone hills	hilly/ mountainous landscape, sometimes find waterfalls. (These are created by erosion.) Middle course; the river becomes very bendy, these bends are called meanders. Meanders are made by erosion - when a river travels around a bend, the river moves fastest on the outside. This means that the river is more powerful on the outside and it wears away the river bank. This causes the river to become more curved. Lower course; the final stage of the river where it is approaching its mouth (usually the sea). The surrounding landscape is usually quite flat. These areas are called floodplains. These areas are often prone to flooding, which occurs when the water in rivers	erupt again in the future. Children should be able to compare and contrast these physical features with ones found in Bath. (River Avon, the weir, Limestone hills etc)	Snowdonia and Dartmoor. National parks have advantages and disadvantages. These can be categorised as social, economic and environmental (SEE) Volcanoes and Earthquakes A volcano is an opening in the Earth's crust through which volcanic materials (lava, ash, gas, etc.) can escape from the mantle. Volcanoes can be classified in three ways: active, dormant and extinct. A tsunami is a series of giant waves.
			flooding, which occurs when the		

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					after prolonged, heavy rainfall.			
Human features Human features The things we find on the landscape that are man-made. They include houses, monuments, shops and roads.	Comments and asks questions about aspects of their familiar world such as the place where they live or the natural world.	Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class.	The United Kingdom A human feature is something that is manmade, e.g. schools, houses, monuments, etc. An urban area is a built-up area, e.g. a city. A rural area is a place with fewer buildings, e.g. the countryside. London has many human features, e.g. important buildings such as the Houses of Parliament and Buckingham Palace. Weather A weather forecast is something that tells us what the weather will be like (a prediction) over the next few days. They are useful because we can make sure that we are prepared for the weather. Local area and Hong Kong Hong Kong Island has an urban landscape. Recap: An urban area is a very built-up area.	Oceans and Continents Street detectives Urban areas are densely populated, which means there are lots of people/crowded. They tend to have more small, terraced housing and high-rise apartments. Rural areas are more sparsely populated, which means there are fewer people/homes are more spaced out. People may live in larger houses or cottages.	Where in the world A capital city is where a country's government/leader s are located; it is usually the biggest, most densely populated city in the country. Recap key term - urban. Children should be able to interpret photographs of features and categorise these features as human, e.g. the Eiffel Tower (Paris), Big Ben (London), Brandenburg Gate (Berlin), Leaning Tower of Pisa (Pisa), St. Basil's Cathedral (Moscow) etc. Our European neighbours A megacity is a city with more than 10 million inhabitants. Europe has 4 megacities: Paris, London, Istanbul and Moscow. Rivers Children to discuss the impact of humans visiting and building near rivers. E.g. erosion taking	Antarctica Children to discuss the impact humans are having on global warming which links to the melting of the ice caps in Antarctica. The USA Population distribution is about how people are spread out over a certain area - densely populated = more people in a certain; sparsely populated = fewer people in a certain area. The interior of the USA is very sparsely populated. The most densely populated areas are found in coastal areas, especially the east coast. New York City is an urban area located on the east coast of the USA. It is the most densely populated city in the whole of the USA because of the scarce availability of land and the popularity of the location.	Tropical Rainforests Children to discuss the destruction of rainforests - impact of humans actions on the rainforests. Misty Mountains Children to discuss the challenge of human features appearing on mountains. Global Trade Children to discuss the impact of global trade for the cities and more rural areas.	Kenya: A changing county Nairobi is rapidly urbanising, which means the population is increasing and the area is becoming more built up. Rural - urban migration = people moving from rural areas to live in urban areas. Push factors = reasons why people want to leave rural Kenya (e.g. lack of job opportunities, few educational opportunities, poor quality of life, etc.) Pull factors = reasons why people are attracted to the city (e.g. the perception of a better quality of life, more job opportunities, etc.) The UK Recall the meaning of key terms - densely and sparsely populated, urban and rural. Population distribution is the pattern of how people are spread out across a certain area. The UK's

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	Lots of people live	place quicker,	The Port of New	population
	on Hong Kong	flooding in homes	York has access to	distribution is
	Island; it is very	and shops etc.	the Atlantic Ocean.	uneven because
	crowded, so most			some places are
	people live in		<u>Mediterranean</u>	very densely
	high-rise		Children to discuss	populated, whilst
	apartments (many		the impacts of	other places are
	people have very		global trade and	sparsely populated.
	tiny rooms).		tourism on the	London is the UK's
	Lots of people travel		Mediterranean. E.g.	most densely
	to work and school		building of houses	populated city; it is
	each day. The roads		and shops to keep	a megacity because
	get very busy, so		up with numbers of	it has more than 10
	people prefer to		tourism and global	million inhabitants.
	travel by train		trade.	A settlement is a
	(overground and		Compare this with	place in which
	underground), bus		Bath and the	people live.
	or tram.		impacts of tourism	In the past,
	Our local area		in the city. Prices of	settlements were
	(Bath): an urban		houses have risen	chosen (by early
	area, compare the		along with rent of	settlers) due to site
	architecture in Bath		shops causing	factors. These are
	and Hong-Kong,		popular shops to	the physical
	Bath has a very busy		close as they cannot	features which
	train station which		afford the rent.	would have been
	has major links to			useful for early
	London and Bristol.			settlers (e.g. a river
				for a source of
				water and for
				transportation).
				Different
				settlements
				developed in
				different ways. E.g. Some settlements
				have a linear
				formation (because they have formed
				along roads and
				other transport
				routes), some have
				a nucleated
				formation (because
				they have formed
				around a central
				point, e.g. a church)
				point, e.g. a church)
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								and others are more dispersed (agricultural communities). Since the industrial revolution, UK settlements have become more urbanised (over 80% of people). Volcanoes and Earthquakes Children to discuss the social, economic and environmental impacts that earthquakes, tsunamis and volcanoes have. E.g. what happens to the buildings, houses etc.
Physical Processes Physical processes These are processes that happen on the Earth's surface. They include earthquakes, volcanoes and tsunamis.	Talks about why things happen and how things work. Developing an understanding of growth, decay and changes over time.	Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.	The foundations for physical processes are laid during year 1. This is done through exploring what the word physical means. By the end of year 1 children will understand what that 'physical' means: The things we see all around you created by nature. They would still be there even if humans were not. Through this understanding they can apply this to the big idea 'physical processes'.	Oceans and Continents Children are introduced into the idea that the Earth's surface is made from tectonics. This is through the supercontinent of 'Pangea' before all the continents split. Street detectives	Where in the world Children discuss the physical features such as mountains; challenge children to discuss how they think mountains are formed. Our European neighbours Recap what is spoken about in the previous unit. Rivers The water cycle is the continuous movement of water within the Earth's and its atmosphere.	Antarctica It can take hundreds of years for glaciers to form. They are formed when: Snow falls and does not melt because the temperature does not rise above 0°C. More layers of snow build up (accumulation). The weight of the snow causes the lower layers to compress and turn to solid ice. It is important that children can discuss physical processes in an appropriate sequence.	Tropical Rainforests Convection involves: a) Energy from the sun causes water to evaporate. This means water turns from a liquid into a gas (called water vapour), b) Higher up in the atmosphere, the temperature of the air is cooler. This causes the water vapour to condense back into water droplets. c) Water droplets join together to create clouds. d) When the clouds become too heavy	Kenya: A changing county The UK Volcanoes and Earthquakes The Earth has 4 layers: - The outer layer is called the crust; this is a thin layer of solid rock Beneath the crust is the mantle; this is made of hot, semi-molten rock called magma In the middle is the outer core and inner core. These

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Children will understand the key parts of the process: - Evaporation is when water turns from a liquid into a gas (called water vapour) and rises up into the atmosphere. - Condensation is breeding). when water vapour (gas) turns back The USA into water droplets (liquid). Lots of water droplets gather together to river flowed make clouds. - Precipitation is the geographical term for rainfall. This happens when clouds become too and wider. heavy to stay suspended in the sky. - The process repeats. It is important that children can describe physical processes in a hills in Bath as well. logical sequence, creating a circular flow diagram to communicate their understanding.

Global warming means that average temperatures are increasing around the world. Glaciers are retreating (melting). There is less sea ice. Species are at risk (many use the ice for hunting and

The Grand Canyon was made by erosion - as the through the river valley, the power of the water wore the rock away, making the canyon deeper

Mediterranean

Challenge: talk about how the bay of Naples was formed. Also a good opportunity to link to the limestone

and can no longer be suspended in the air, it starts to rain (precipitation).

Misty Mountains There are different

types of mountains: these include: fold mountains, volcanic and plateau.They are all formed by movements in the Earth's crust. Fold mountains are formed when the Earth's crust (rock) is pushed together. Volcanic mountains are formed when volcanoes erupt; when the lava cools, it creates layers of solid rock. Plateau mountains could have started life as either fold or volcanic mountains. The top of the mountain is slowly eroded (broken down) by water (rivers) or strong wind to create a wide, flat surface.

Global Trade

are made from metals. The Earth's crust is split up into large slabs of rock called tectonic plates. Where two plates meet is called a plate boundary. The Earth's crust is constantly moving very slowly. Earthquakes and volcanoes occur along plate boundaries. Children should be able to identify the crust and the mantle on a diagram that shows the structure of the Earth. Earthquakes are most likely to occur near a plate boundary, where a sudden movement of the Earth's crust releases a huge amount of energy. The energy travels

through the Earth's

waves, which cause

crust as seismic

the ground to

Tsunamis are usually caused by earthquakes under the sea, but can also be caused by volcanic eruptions and landslides.

shake.

climate zone, which

covers much of

south).

world around us in the UK, we have four seasons and they will be able to name these in the UK, we have four seasons and they will be able to name these introduced to the term 'climate,' which means the weather patterns of very mean to the coldest place term 'climate,' which means the weather patterns of very mean to the coldest place term 'climate,' which means the temperate climate climates are characterised by	Antarctica has a polar climate (it is the coldest place on Earth!) Polar	Cascaciiii stratiii stratii	<u></u>			
changes daily. Children will be able to describe the weather that characterises each season. Children will understand that weather affects us in a variety of ways including: what we wear, the activities we can participate in and precautions we must take in order to stay healthy Local area and Hong Kong Like the UK, Hong Kong spring, summer, autumn and winter. Hong is located closer to the equator than the	characterised by long, cold winters, with annual temperatures mostly below freezing. Lack of precipitation (it is a cold desert because it is arid). There are just two seasons: a summer and winter. Antarctica has little biodiversity (variety of different species) due to its extreme climate. Children should be able to identify some ways that a species (e.g. emperor penguins and seals) has adapted to survive in Antarctica. The USA Climate zones in the US vary with latitude (from arid in Texas to polar in Alaska). Children should know that the	Continents Children will be introduced to the term 'climate,' which means the weather patterns of a place (so weather is the day-to-day conditions whereas climate is the general weather patterns over a longer period of time, e.g. warm summers as opposed to a warm day). A climate zone is an area that is characterised by its weather patterns. Street detectives We have been detectives We have been detectives We have been detectives In the continue of the properties of the p	Kingdom Children know that in the UK, we have four seasons and they will be able to name these seasons. Weather Weather Weather is something that changes daily. Children will be able to describe the weather that characterises each season. Children will understand that weather affects us in a variety of ways including: what we wear, the activities we can participate in and precautions we must take in order to stay healthy Local area and Hong Kong has 4 seasons: spring, summer, autumn and winter. Hong is located closer to the equator than the	and noticing the changes in the	Seasons	Climate The usual weather

patterns:

Tropical Rainforests
Recall: The equator
is a line of latitude
that runs
horizontally around
the world. It has a
value of 0°. Places
near the equator
have warmer
climates.

The tropical
rainforest is a
biome. A biome is a
large area that is
characterised by the
types of plants and
animals that live

biome. A biome is a characterised by the types of plants and there (they are well-suited to the All tropical areas (between the two tropics). We proximity to the Rainforest climates because they are located on the equator, where the earth receives direct energy from the sun. The high temperature leads The process which

rainfall in the

Kenya: A changing county
The Equator (latitude) runs straight through Kenya, which means

(latitude) runs straight through Kenya, which means that it has a tropical climate in some places. Recall - tropical climate = high temperature and high precipitation all year round.

The UK

Volcanoes and Earthquakes

When volcanoes erupt they send gases into the air, this can affect the climate of the location of the eruption. However, this can also affect further afield and cause warming of the temperature e.g. the eruption from the Icelandic volcano in 2010 (Eyjafjallajökull).

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	Winter - Cold, but	northern Russia. It	Some parts of the	rainforest is called	
	not as cold as the	is a forest of	USA (Florida) are at	convection.	
	UK	coniferous trees.	risk of hurricanes. A		
	Autumn - cool, less	Coniferous trees	hurricane is a	Misty Mountains	
	rain than summer	are trees that do	tropical storm which	The climate of	
	and spring.	not lose their	brings heavy rain	mountains is	
	Summer - hot and	leaves/needles in	and strong wind. It	characterised by	
	very humid, can also	winter (KS1 science	can cause flooding.	low temperatures;	
	be rainy	recall)	Some parts of the	for every 1000m	
	Spring - hot, rainy	,	USA are at risk of	increase in altitude,	
	and humid	Our European	drought (Arizona). A	the temperature	
	Children will be able	neighbours	drought is when an	drops by about	
	to compare the	Because of our	area experiences a	6.5°C.	
	climates in	climate (recall -	long period with	Mountains also	
	Hong-Kong and UK.	temperate climate),	little precipitation. It	often have lots of	
		there are certain	leads to water	precipitation.	
		types of food that	shortages.	The process which	
		we can only grow		causes it to rain in	
		for a few months of	<u>Mediterranean</u>	mountainous areas	
		the year (and some	The Mediterranean	is called relief	
		things that we	climate is	rainfall. This	
		cannot grow at all).	characterised by:	happens because:	
		A lot of our fruit	Summers - high	a) Warm, moist air	
		and veg comes	temperature, low	blows in from the	
		from a region in	precipitation	sea (it contains	
		Spain called	Winter - mild/cool	moisture because of	
		Almeria.	temperature, higher	evaporation).	
		Allileria.	levels of	b) The air is forced	
		Divore	precipitation.	up the mountain	
		<u>Rivers</u>	Some other parts of	c) The temperature	
			the world have the	is lower at higher	
			same weather		
			patterns - Children	altitude, so the moisture in the air	
			should be able to	condenses to form	
				clouds.	
			interpret a climate	d) When the clouds	
			zone map to identify some of		
				are heavy, water will	
			these places (e.g.	fall as precipitation.	
			parts of western	Clohal Trade	
			California and parts	Global Trade	
			of southern		
			Australia - use an		
			atlas to support		
			locational		
			knowledge if		
			necessary). Children		

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						will be able to compare the climates of the UK and the Mediterranean.					
Interdependence An area having unique physical and human characteristics interconnected with other places, often linked with the resources available in those places. Characterised into social, economic and environmental.	Begin to understand the effect their behaviour can have on the environment. Shows interest in different occupations and ways of life indoors and outdoors.	Explain some similarities and differences between life in this country and life in other countries, drawing on knowledge from stories, non-fiction texts and – when appropriate – maps.	The United Kingdom Weather Local area and Hong Kong Economic People have jobs in farming, fishing, shops or hotels (tourists like to visit Lamma Island).	Oceans and Continents Environmental Children could learn about how some plants and animals have adapted to their environment. A biome is an area that is characterised by the type of vegetation and animals that live there (they are sometimes referred to as vegetation belts). Social Asia is the most densely populated continent. Australia is the most sparsely populated continent (discounting Antarctica, which has no permanent residents). Children could start to consider why certain places are more densely populated than others, e.g. coastal areas have access to resources, in the past it was easier to communicate and travel in these areas.	Where in the world Our European neighbours Environmental Because of our climate there are certain types of food that we can only grow for a few months of the year (and some things that we cannot grow at all). A lot of our fruit and veg comes from a region in Spain called Almeria. Economic We rely on certain places to import goods; they in turn rely on us to import their goods, so that they have jobs and income. By importing our fruit and veg from Spain it provides jobs/income in these areas. Though the UK does have local fishing industries, we still rely on other countries greatly for this source of food.	Antarctica Environmental Antarctica has little biodiversity (variety of different species) due to its extreme climate. Children should be able to identify some ways that a species (e.g. emperor penguins and seals) has adapted to survive in Antarctica. Global warming means that average temperatures are increasing around the world. Glaciers are retreating (melting). There is less sea ice Species are at risk (many use the ice for hunting and breeding). Economic Children to look at what research takes place in Antarctica. This provides jobs for the wider population. Research projects— British Antarctic Survey (bas.ac.uk) The USA Social	Tropical Rainforests Environmental Rainforests are known as the 'lungs of the planet' because they give off oxygen. Carbon sink - rainforests draw in and store carbon, meaning they remove carbon dioxide from the atmosphere. This is reducing the rate of climate change. Palm oil is a vegetable oil that comes from the fruit of palm trees. It is used in over 50% of our household and food products. The palm oil industry has negative impacts on large areas of the rainforest: -Monoculture: large areas of virgin forest are removed and replaced with palm oil plantations. Just one type of tree/crop is grown which means less food for rainforest creatures and less biodiversity.	Kenya: A changing county Environmental The Masai Mara National Park provides a habitat for many vulnerable and endangered species. Human activities in the National Park are threatening the environment: - Off-road driving (especially safari jeeps) - Overuse of water - draining the Mara River basin Disruption to wildlife habitats - Poaching Social The Masai Mara National Park provides jobs in tourism and therefore a source of income for local people (few alternative jobs in rural areas other than agriculture, which is poorly-paid). Rural migrants move to urban areas due to the perceptions of a better life; though			

				Street detectives	We import a lot of fish from Iceland, Sweden and Norway (this provides jobs/income in these areas). This is because these countries have good access to the North Atlantic Ocean, which has some of the richest fishing grounds in the world. Though tourism involves the movement of people as opposed to goods, it is still an important example of how we trade and make money. Tourism creates lots of jobs for a place, including work in hotels, restaurants, transport, shops, attractions, etc. Rivers Environmental Rivers provide: Changing levels of energy that shape the landscape. Energy for hydro-electic power. Habitats for wildlife. Social Freshwater for settlements,	The interior of the USA is very sparsely populated. The most densely populated areas are found in coastal areas, especially the east coast. Economic Children to look at what the benefits might be of living near the sea. The Port of New York has access to the Atlantic Ocean. Mediterranean Environmental What impact is tourism having on the wider environment in both Italy and Bath? Social The Bay of Naples has 2.5 million visitors each year with the roman ruins and the access to islands such as capri helping. Bath has 6 million visitors with the roman baths being the most popular tourist attraction. Economic Year 3 recall - these crops are exported to other parts of the world where they cannot be grown; people in Naples have income from these exports.	-Slash and burn: this is a method used to create space for palm oil plantations. It destroys animal habitats and many creatures are killed in the fires. Burning large areas of forest releases huge amounts of CO2 into the atmosphere. Social The smoke from burning also has negative impacts on the health (respiratory) of rainforest inhabitants and people living in nearby settlements. Economic Rainforests are important for various other reasons, including: resources (timber, minerals and food), medicine, home to indigenous people, etc. Misty Mountains Environmental Mountain ecosystems have little biodiversity (small variety of life) because they are difficult environments to live in (link back to climate).	this is often not a reality. Rapid urbanisation in LICs leads to the creation of slums (also known as shanty towns or squatter settlements). These are built without regulation due to lack of housing in urban areas in LICs. An example of a slum in Nairobi is called Kibera. Economic Rural migrants move to urban areas due to the perceptions of a better life; though this is often not a reality. Mass rural to urban migration and rapid urbanisation in LICs (low income countries) like Kenya creates social, economic and environmental problems. The UK Environmental Energy is important because we need it for a variety of reasons (domestic, industrial, travel, etc.) We get our energy from a variety of resources:
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				agriculture and other industries. Human activity is a main cause of pollution in rivers and oceans and of some increased flooding events. Economic Rivers provide: Resources for leisure and tourism. Navigation for exploration, trade and commerce. A means to transport nutrients and sediment.	The Bay of Naples is important for economic activities - shipping, fishing and tourism (thanks to Roman ruins and access to islands such as Capri). Economic activities provide jobs and income.	The lower parts of a mountain might be forested. Vegetation becomes increasingly sparse with increasing altitude because the conditions become more difficult for plant growth. The area where trees disappear is called the timberline. The highest parts are either barren with lichens, or have some sparse grasses and alpine flowers. Some animals have successfully adapted to the harsh climate Social Mountainous environments are usually sparsely populated. Disadvantages include poor access, isolation, difficulties in building infrastructure (e.g. roads) and difficulties in building homes. Economic The environment provides some advantages, including: tourism (employment and income), timber from coniferous forests (resources); grazing space for	- Non-renewables - resources that will eventually run out, e.g. coal, oil and natural gas Renewables - resources that will not run out, e.g. solar power. These are more sustainable and have fewer negative environmental impacts. The term 'energy mix' refers to which resources we use and in what proportion. Economic Recap employment sectors (year 5): - Primary sector jobs involve extracting natural resources, e.g. agriculture, mining, etc Secondary sector jobs involve manufacturing, e.g. factory workers, food processing, etc Tertiary sector jobs are service jobs, e.g. drivers, teachers, etc. Children to find out about how jobs have changed in their local area, e.g. decline in mining in Radstock Vs. the dominance of
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				mountain goats and	service jobs in the
				sheep (agriculture).	present day.
				Global Trade	Volcanoes and
				Globalisation: the	<u>Earthquakes</u>
				connection and links	Earthquakes and
				between different	tsunamis have
				countries.	social, economic
				Supply chain:	and environmental
				activities which	effects.
				involve creating and	A volcanic eruption
				selling new	can have both local
				products.	and global effects.
				Children should be	Living near a plate
				given the	boundary has many
				opportunity to	advantages, such as:
				discuss if global	- Access to
				trade is a good thing	geothermal energy
				and if it is possible	(Reykjavík in
				to make it fairer.	Iceland)
				Environmental	- Fertile soil (Java in
				The extraction of	Indonesia)
				natural resources	- Access to minerals
				for the supply chain.	(northern Chile)
				Manufacturing -	- Tourist attraction
				what resources	(Mt. Fuji, Mt.
				does this require?	Vesuvius)
					Tectonic hazards
				China's natural	
				resources (coal and	cannot be
				oil)	prevented. People
				Social	living in tectonic
				Globalisation:	areas therefore
				having	need to find ways to
				friends/family in	mitigate the risk.
				different countries	Mitigation means to
				and visiting them,	make something
				sending emails.	less dangerous - to
				Economic	reduce the impact.
				Globalisation:	Mitigation
				different countries	strategies can be
				trading with one	classified under the
				another.	2Ps - prediction and
				The country which	protection.
				we import most of	,
				our goods from is	
				China.	

	<u>-</u> -	asedown St John Sci	1001	
				This is because:
				- China has lots of
				natural resources
				(e.g. coal and oil)
				which are needed to
				power industries.
				- China has the
				world's biggest
				population (% of the
				global population).
				This means a big
				workforce for the
				factories.
				- Workers are paid
				less in China, which
				means that we pay
				less for the goods
				that are made (it is
				cheaper to import
				many goods from
				China than to buy
				them from UK
				manufacturers).
				Most goods travel
				from China to the
				UK (and the rest of
				the world) on
				container ships.
				There are different
				jobs involved in the
				supply chain. These
				jobs fall into 4
				categories: primary
				(extraction of
				natural resources),
				secondary
				(manufacturing),
				tertiary (services)
				and quaternary
				(research and
				development).
				Children should
				examine an example
				of a supply chain to
				notice how different
				parts take place in

		<u>F.</u>	easedown St John Sci	1001			
						different parts of the world. Use an iphone as a case study.	
Maps, data and information Maps, Data and information A map is a picture which represents an area and its landscape. Data is information about a place.	Describe their immediate environment using knowledge from observation, discussion, stories, non-fiction texts and maps. Explain some similarities and differences between life in this country and life in other countries, drawing on knowledge from stories, non-fiction texts and – when appropriate – maps.	The United Kingdom Lay the foundations: Children will be able to identify the location of Europe and the UK on a map and globe. Children will be able to use directional language to describe location (NESW). Children will be able to describe the location of the UK in relation to the equator (north of) and the North Pole (south of). An aerial photograph is a photograph taken from above. Children will locate London, and with support Peasedown and Bath, on a map of the UK. They will be able to use directional vocabulary to describe location (NSEW) in relation to other known places. Children will use photographs to: Identify different features and	Oceans and Continents Children will use an atlas to: Use a continent map to label their own world map with the 7 continents and 5 oceans. Children will use photographs to: Compare two contrasting climate zones - tropical and polar - in terms of temperature and precipitation. Compare two contrasting biomes - tropical rainforest and tundra - in terms of plants and animals that live there. Infer basic information about each continent and ocean. Children will use graphical data to: Compare two contrasting climate zones - tropical and polar - in terms of temperature and precipitation. Compare two contrasting climate zones - tropical and polar - in terms of temperature and precipitation. Compare two contrasting biomes - tropical rainforest and tundra - in terms of plants and	Where in the world Children will use an atlas efficiently to: Locate some of the capital cities in Europe by looking at the index to find the page number and grid references. (London, Paris, Madrid, Rome, Vienne, Oslo, Berlin, Stockholm, Warsaw, Helsinki and Copenhagen). Find physical and human features of Europe. Children will use photographs to: Indicate weather patterns and vegetation (deciduous forests) in this climate zone. Children will use climate graphs to: To identify months with highest/lowest temperature and highest/lowest precipitation and describe general weather patterns. Children will use choropleth maps to: To determine which areas have a temperate climate	Antarctica Children will use an atlas efficiently to: (e.g. checking in the index for the relevant page number and grid reference) Located some key physical features of Antarctica using longitude and latitude references. Locate some key features of Antarctica (including surrounding seas and ocean) on a blank map; they should be taught to describe these locations in reference to longitude and latitude. Lines of latitude are horizontal and they show distance from the equator. The Antarctic Circle is a line of latitude. Lines of longitude are vertical and they indicate time zones. Children will use photographs to: Understand what the climate looks like. Recognise physical features on ground	Tropical Rainforests Children will use climate graphs to: To learn that tropical rainforests have high temperatures and high amounts of precipitation all year round. Identify the months with the highest/least rainfall and highest/lowest temperatures. Children will use a biome map to: Identify the Tropic of Cancer and the Tropic of Capricorn. Cross reference with a political map in an atlas to identify specific countries with rainforest biomes. Misty Mountains Children will use an atlas efficiently to: (e.g. checking in the index for the relevant page number and grid reference) Locate major mountains and mountain ranges. Children will use photographs to:	Kenya: A changing county Children will use an atlas efficiently to: (e.g. checking in the index for the relevant page number and grid reference) Locate Kenya on a map of Africa, the Indian Ocean, countries which share a border with Kenya and the Equator. Locate Masai Mara National Park on a map. (longitude and latitude opportunity). Children will use photographs to: Determine the reasons why this place is important. They should categorise these reasons as environmental or social. Determine why Nairobi is becoming more urbanised. Categorise their reasons as push and pull factors. Determine the problems caused by rapid urbanisation. Categorise these

categorise them accordingly. Identify different human/physical features (Aerial photographs).

Weather Lav the

foundations:

Children will

demonstrate their

understanding by sorting different resources (e.g. images) into appropriate categories summer, autumn, winter and spring. Children will know that different symbols represent different types of weather. Children will be able to recognise some of these symbols to interpret the weather conditions of a place. Children will be able to create symbols to represent the weather of a place. Children will use photographs to: Examine images of different places and categorise them at hot/equator and cold/Poles. Interpret different images to identify and describe

animals that live there. Children will use a key to: Interpret which climate zones are found in each of the 7 continents. Interpret which biomes are found in each of the 7 continents.

Street detectives Children will use photographs to: An aerial photograph is a photograph taken from above (children could compare aerial photographs of their local area with ground-level photographs to determine why they can be very useful. Look at ground-level photographs of different places and sort them into groups: urban or rural. Interpret aerial photographs to determine whether their local area and surrounding (ideally contrasting) places are rural or urban. Children will use OS maps to: **Understand what** human and physical

and a subpolar climate; they should cross reference this with a political map of Europe to determine which countries are within these areas.

Our European neighbours Children will use an atlas efficiently to: Locate Europe's 10 most densely populated cities. Teacher could present a picture of each city to contextualise the activity. Identify which of these export countries are European and which are not. Children will use choropleth maps to: Identify densely

populated areas.

Children will use

graphical data to:

Interpret: Imports

Vs. exports of fish.

Where do our fish

imports come from? Determine which **European countries** receive the most tourists. Children will use pie charts to:

level and aerial photographs. Children will use climate graphs to: Interpet simplified graphs to identify warmest/coldest months and driest/wettest months. Children should be taught to interpret graphs which show changes in average temperature and changes in sea ice extent. Children will use

Recognise physical features. The USA Children will use choropleth mapping to: **Identify different**

climate zones in the

US and explain

Explore the

population density

notice trends (e.g.

the area around the

of New York to

where they are in

relation to latitude

topographic maps

lines. Notice other Children will use geographical Digimaps to: characteristics of Use aerial images to this area e.g. identify and temperature, describe precipitation, population density and topography.

> **Global Trade** Using an atlas,

> > UK. Children should

Acquire knowledge

ecosystems.

living in

Determine the

advantages and

disadvantages of

Children will use

Extract relevant

mountains have

Children will use

choropleth maps

Determine that

populated. (Use

Children will use OS

Identify the location

of mountains and

mountain ranges by

recognising contour

cold, rainy climates.

identify that

population

are sparsely

maps to:

to:

climate graphs to:

problems as social. economic and environmental. Interpret a variety of images/charts to determine negative impacts of human activity on the Masai Mara National Park. Children will use graphical data to: Determine the reasons why this place is important. They should categorise these reasons as environmental or Determine why Nairobi is becoming more urbanised. Categorise their reasons as push and Determine the problems caused by Categorise these

The UK Children will use an Located the 4 parts of the UK, the 4 capital cities, other major cities, major

problems as social.

economic and

	different weather	features can be	Show where our	Port of New York is	locate the chipping	rivers and mountain
	conditions.	found in an area.	vegetables come	most densely	routes from China	ranges.
	contactions.	Identify different	from.	populated.	to the UK on a map.	Locate some of the
	Local area and	symbols, including	1101111	Children will use an	to the on on a map.	main UK national
	Hong Kong	roads, railways and	Divore	atlas to:		parks.
			Rivers			
	Lay the	public footpaths.	Children will use an	Make connections		Children will use
	foundations:	Interpret ambiguous	atlas efficiently to:	between locations,		photographs to:
	With support,	symbols.	Locate major UK	climate zones and		Identify site factors.
	children will be able	Interpret OS maps	rivers and mark	natural hazards they		Identify the three
	to locate Hong Kong	and aerial	them on their own	face.		different types of
	on a map of China	photographs to	map.	Find the Grand		settlement
	and a map of the	determine whether	Identify whether a	Canyon.		formation (linear,
	world.	their local area and	river is in England,	Children will use a		nucleated and
	With support,	surrounding (ideally	Scotland, Wales or	climate zone map		dispersed).
	children will be able	contrasting) places	Northern Ireland.	to:		Children will use
	to use directional	are rural or urban.	Children will use	To make		population
	vocabulary (NESW)	Children will	photographs to:	connections		choropleth maps
	to describe the	understand maps	Identify key	between location,		to:
	location of Hong	are/have:	features of the	climate zone and		Inform their
	Kong in relation to	A map is a picture	upper course,	the natural hazards		descriptions of
	the UK and other		middle course and			population
		which represents an		they face.		
	known places	area.	lower course and	To compare two		distribution across
	(children to	They are useful for	describe	different locations		the UK. (e.g.
	consider how they	many reasons,	appearance using	in the US, such as		Northern parts of
	would get to HK if	including helping us	appropriate	Arizona, which is		Scotland, where the
	they were to visit).	to find places.	geographical	arid and New York,		climate is colder
	Children will use	Have lots of	terminology.	which is warm (like		and the topography
	photographs to:	different features,	Children will use	the UK).		is more
	(With support)	including a title,	population density	Determine why New		mountainous, are
	Interpret images of	symbols, a key and a	maps to:	York is a popular		more sparsely
	HK to determine	compass.	Notice that the	place to live.		populated. In
	what the weather's	Study a variety of	areas along a river	Children will use		contrast, the
	like in different	maps and discuss	are often the most	photographic		southeast of
	seasons and	their similarities	densely populated	imagery to:		England is).
	compare these	(e.g. tourist map,	(e.g. River Nile).	Explain the hazards/		Children will use
	images with the UK.	road map, OS map,	Discuss how	problems associated		graphical data to:
	Children to examine	fantasy map, atlas	settlements have	with extreme		Interpret graphs to
	images to	and a political map	historically	weather events.		determine what our
	determine key facts	shows borders	developed near	Understand climate		current energy mix
	(how people live	between countries).	rivers due to the	zones.		is like (e.g. which
	and get around) and	Children will	benefits they offer.	Make observations		resources do we use
	,		belieffs they offer.			most?).
	compare with the UK.	understand grid		and describe the		Children will use OS
		maps:		physical geography		
	Children will use	Children will learn		of this location.		maps to:
	climate graphs to:	simple 2-figure		Children will use		Identify site factors.
				population		

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	If appropriate with heavy support, children could explore the climate graph with their teacher to identify which months get the highest/lowest temperature/precipi tation. Compare with the UK.	coordinates - e.g. (a,2) Children will recognise that man maps have grid squares; each grid square has a set of coordinates, which can be used to locate a place or feature more quickly. Simple coordinates have a letter (which we get from the x/horizontal axis) and a number (which we get from the y/vertica; axis. To use simple 2-figure grid references to locate features on a map (could be a fantasy map, e.g. a treasure map, or a map of a town. Ideally, maps will include map symbols from OS maps.)

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distribution charts See which parts are the most populated and which are the least populated. Cross reference with other charts (topography, climate, etc) to explain why different parts of the USA have different densities. Children will use a topography map to: Determine why New York is a popular place to live. Mediterranean Children will use an atlas efficiently to: (e.g. checking in the index for the relevant page number and grid reference) To Locate the Mediterranean Sea and some surrounding major cities, e.g. Valencia, Naples, Athens, Nice, Dubrovnik. Categorise the countries according to which continent

they are located on.

Locate Mt. Vesuvius on a global scale

and on a regional

Children will use photographs to:

scale.

Identify the three different types of settlement formation (linear, nucleated and dispersed). Show how settlements have changed over time. Explore national parks to identify key human/physical features in order to consider possible pros/cons of tourism in these areas. Children will use historical maps to: Identify site factors. Identify the three different types of settlement formation (linear, nucleated and dispersed). Show how settlements have changed over time.

Volcanoes and **Earthquakes**

to:

Children will use an (cross referenced with a plate

Children will use a

Clark-Fisher graph

Link what they have

learned about jobs

in their local area.

To support understanding of what climate change looks like. Explore the area to identify what can grow there. Interpret photographs of tourist attractions (Why would people want to visit these places? What would they do there?) Children will use climate graphs to: Identify months with the highest/lowest temperatures and precipitation. Children will use topographic maps to: Identify which locations might be most suitable for agriculture activities e.g. areas with flatter terrain, few inhabitants etc. Children will use population choropleth maps to: Identify which parts of Naples are densely/sparsely populated in order to link this to their knowledge of economic activity.

Children will use

visits Italy (e.g.

graphical data to: Determine who

Locate places that have experienced earthquakes. Describe the movement of a tsunami using appropriate terminology. E.g. The tsunami began in the Pacific Ocean and travelled west towards the coast of Use longitude and latitude to locate famous volcanoes. Children should be able to use an atlas to efficiently locate the places that have advantages of living near a plate boundary. Children will use photographs to: Interpet the different effects of earthquakes. Categorise these effects as SEE. Discover the different effects of tsunamis. They should also be categorising these effects as SEE. Discover the different effects of volcanic eruptions. They should also be categorising these

		<u></u>	easedown 3t John Sci	1001			
					which country has the biggest/smallest amount of visitors to Italy?). Children could annotate this information onto a world map to reinforce understanding of interdependence.		effects as either SEE or global and local. Children will use graphical data to: Interpet the different effects of earthquakes. Categorise these effects as SEE. Discover the different effects of tsunamis. They should also be supported in categorising these effects as SEE. Discover the different effects of volcanic eruptions. They should also be supported in categorising these effects as SEE.
Fieldwork When you go outside of the classroom to use the skills learnt in the classroom.	Practice using directional language to explore the immediate environment by playing Simon Says with the class, e.g. 'Simon says take 3 steps right.' Take children outside into the school grounds and in pairs or groups get them to direct each other around the grounds using directional language. Possible Fieldwork Enquiry Questions:	The United Kingdom Use a map of PSJ to find key locations (treasure hunt/orienteering). Weather What is the weather like around our school? Monitor weather patterns over a period of time in 3 contrasting areas around school/PSJ. Create a class weather forecast for the observations made.	Oceans and Continents With support, children will be able to use a choropleth map to identify densely and sparsely populated places and to begin to notice patterns, e.g. coastal areas are more densely populated than inland areas. Street detectives Pupils annotate aerial views of their school and grounds, and annotate maps of their local area.	Where in the world Use compass directions to describe location. Children should be able to use an atlas to locate Europe on a global scale, along with its neighbouring continents, surrounding oceans, the Arctic Circle and the equator. Our European neighbours Children should be supported in	Antarctica Children should be able to use an atlas to efficiently locate Antarctica on a global scale (e.g. checking in the index for the relevant page number and grid reference). The USA Children should be able to use an atlas efficiently (e.g. checking in the index for the relevant page number and grid reference) to locate	Misty Mountains Use 4 and 6 figure grid references to determine where mountains are on different maps. Global Trade	Kenya: A changing county Children should be able to use the 8-point compass to describe the location of Kenya in relation to neighbouring countries. E.g. Kenya is south of Ethiopia. The UK Local Area fieldwork 1. Before you undertake your fieldwork it is valuable to ask your pupils to consider what geographical

locate major UK

what can grow

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	Where are the best places to play in our area? What helps us keep safe in our area?	Local area and Hong Kong Children explore maps and aerial photographs to discover that Hong Kong is very densely populated. Children study maps and use locational vocabulary (NSEW) to describe the location of Lamma island in relation to other parts of Hong Kong. Describe Bath in relation to other parts of England.	Draw a simple map of the school grounds and mark on its geographical features and locational points. Based on information gathered from aerial photographs of the school grounds along with their experiences of walking around the school, children will create a map of their school grounds. They use maps to follow routes and to plan safe routes to a place of interest. Children should use appropriate map symbols to represent different features around school. They should define these symbols in a key. Children should include a north arrow or compass diagram. Children should include grid squares (these could be provided on the paper already). Once finished, encourage children to describe a journey around school, using appropriate	interpreting the choropleth map to determine which areas have a temperate climate and a subpolar climate; they should cross reference this with a political map of Europe to determine which countries are within these areas. Children should be supported in understanding simplified climate graphs to identify months with highest/lowest temperature and highest/lowest precipitation and describe general weather patterns. Rivers Local river Visit: Draw and annotate a sketch. Measure the speed (use Pooh Sticks) to compare the other sites along the course. Take pictures of any signs of human interaction with the river in question. Children use an atlas efficiently (e.g. using the index to find page number and coordinates) to	the capital city, some of the states, rivers, mountains and neighbouring countries. Children should be supported in interpreted photographs (aerial and ground-level) to determine how the land is used in New York (e.g. shops, high-rise residential, offices, port, etc.) Mediterranean Children should be able to use an atlas efficiently (e.g. checking in the index for the relevant page number and grid reference) to locate the Mediterranean Sea and some surrounding major cities. Using topographic data and population data, children should be supported in identifying which locations might be most suitable for agricultural activities, e.g. areas with flatter terrain, few inhabitants, etc. Support children in exploring photographs of the area to identify	

questions they could ask to find out about their local area. 2. In order to plan your fieldwork you will need maps of your local area, which can be sourced from the Ordnance Survey, Esri UK or 3. Your pupils can record their data from their fieldwork in many different ways including: Annotating a base map with Field sketches of street-scapes or views that they see Taking photographs and recording the location and information they are collecting. 4. • Creating a land-use map of their local area with a key and symbols and annotated sketches or photos (including aerial photographs) to record the information from their field notes. Build a model of their high-street or

other local place

using their

	 	<u> </u>	easedown St John Sci	1001			
			vocabulary (NSEW, coordinates). Possible enquiry questions: Is our local area urban or rural? What do we have more of: physical features or human features? Is our local environment looked after? Children will use the 8-point compass to describe a simple route on a map (e.g. a map of the school or a simple road map).	rivers and mark them on their own map. Children should have guided practice in interpreting images to determine the effects of flooding in a place like the Somerset Levels. With support, they could be encouraged to categorise these effects into three geographical groups: Social, economic and environmental.	there. Compare these areas with Bath. Support children in interpreting photographs of tourist attractions in the Mediterranean and Bath (why would people want to visit these places? What would they do there?)		information to identify key buildings and their uses. • Then and now maps, identifying key aspects of change in your local area drawing on historic resources and the current circumstances. Children should be able to describe the location of cities and physical features using the 8-point compass (e.g. London is in the southeast of England). Volcanoes and Earthquakes
Key Vocabulary Vacabulary Terminology that supports our knowledge and understanding		The United Kingdom Capital City - is the city from where the government of a country works, e.g. London is the capital city of England. Cliff - a steep rock face at the edge of the sea or on the side of a mountain. Coastal - land near the sea, i.e. on the coast Continent - one of the earth's large	Oceans and Continents Continent - a large area made up of different countries. Ocean - a large body of water. Biome - an area that is characterised by the type of vegetation and animals that live there. Climate - the weather pattern of a place. Atlas - a book that shows a variety of	Where in the world Arctic circle - is a line of latitude at the top of the globe. Capital City - is where the country's government/leader s are located, it's usually the biggest and most densely populated. Subpolar climate zone - long, cold winters and short, warm summers. Temperate climate	Antarctica Biomes - are very large ecological areas on the earth's surface, with fauna and flora (animals and plants) adapting to their environment. Desert - A very dry region with little or no precipitation. Glacier - Glaciers are large masses of ice that form over hundreds, or thousands of years from layers of	Tropical Rainforests Biome - specific environment that's home to living things suited for that place and climate. Biodiversity – The wide range of living things on Earth. Canopy – The tallest layer of trees in a forest. Climate – The weather and temperature usually found in an area over a long period	Kenya: A changing county Climate change - a change in global or regional climate patterns. Environmental footprint - amount of carbon dioxide released into the air because of your own energy needs. Congestion - blocking or crowding a place and causing difficulties.

land masses. Large land masses which with the exception of Antarctica are made up of a group of countries Country - an area of land with boundaries which (usually) fit within one continent. City - any big settlement where lots (millions) of people live. (But, in the UK a city is recognised as a town that has received the title from the crown. The smallest city in the UK is St David's with a population of less than 2.000.) **Human Features** things (features) made by or for people, e.g. roads, railways, houses, hospitals. Lake - a large area of water surrounded by land. Island - a piece of land surrounded by water. Landmark - a prominent or well-known object in, or feature of, a particular landscape. Mountain - a large natural elevation of the earth's surface. Physical features -

Peasedown St John School different maps at different scales. Climate zone - an area that is characterised by its weather pattern. Densely populated an area with lots of people. Sparsely populated - an area with few people (spread out). Tropical - warm and precipitation is high, there is no winter season. Arid - hot and drv. very little precipitation. Temperate - 4 seasons, moderate precipitation, warm to hot summers and cool to cold winters. Mediterranean warm, wet winters and hot, dry summers. Polar - cool summers and very cold winters. **Desert** - very hot with very low precipitation. Savannah grassland which has a tropical wet and dry climate. Tundra - cold desert, the coldest biome. Vegetation - plants found in a particular habitat or area.

Precipitation -

synonym for rain,

and not too cold. they experience 4 different seasons (UK). **Deciduous forests** trees that shed their leaves during one season. Our European neighbours Alpine - relating to the Alps, or a mountainous biome with little vegetation at high altitude. **Biome** - an area defined by a certain climate and certain animals and plants which have adapted to survive and thrive in the climate. **Capital City** - a city where a country's government is located. Characteristics - a distinguishing quality or feature. Climate - The long term prevailing weather conditions of an area. Country - A political unit with boundaries (usually) within a single continent. Glacier - a body of ice which "flows" down a mountain. Hemisphere - Half

zone - not too hot

compressed snow. Global Warming/Climate Change - The warming of the earth and oceans due to increased presence of carbon dioxide in the earth's atmosphere. Iceberg Calving the breaking of ice chunks from the edge of a glacier. Ice Shelf - is a thick suspended platform of ice that forms where a glacier or ice sheet flows down to a coastline and onto the ocean surface. Latitude - the angular distance of a place north or south of the earth's equator. **Longitude** - the distance of a place east or west of the Greenwich meridian. South Pole - the southern end of the earth's axis, the southernmost point on earth. The USA Biomes - are very things. large ecological Dome Mountain - A areas on the earth's smooth and round

surface, with fauna

and flora (animals

and plants) adapting

of time. Current - a body of water or air moving in a definite direction. **Condensation** - the change in the state of water vapour to liquid water when in contact with a liquid or solid surface or cloud condensation. **Deforestation** – The destruction of trees over a large area. **Humid** – Having a high level of moisture in the air. Indigenous – A living thing that belongs naturally to an area. **Temperate** – Places where it is neither very hot or very cold. Usually has warm summers and cool winters. **Tropical** – Around the middle of the world in the region called the Tropics. **Misty Mountains** Biome - a large region of Earth that has a certain climate and certain types of living

looking mountain.

amount of melted

They are formed

when a great

Tourism - spending time away from home for recreation and relaxation. Sustainable tourism - a low impact on the environment and local culture. while helping to generate future employment for local people. Migration movement from one place to another. Topography - the surface features of land. It includes the mountains, hills and creeks. **Urban** - towns and cities usually with largely man-made features and high population densities. Rural - areas in countryside with small settlements and populations.

The UK

Region - A region is an area of land that has common features. **Industry** - the production of goods (such as cars) or services (such as tourism or entertainment). **Economy** - the wealth and resources of a place.

natural stream of water flowing in a channel to the sea. a lake, or another river. **Urban** - a place with more human features than natural features. e.g. towns and cities are urban. Rural - a place with more natural features than human features. Hamlets and villages are rural. Weather Temperature - how hot or cold a place **Equator** - the imaginary line around the middle of the Earth. Weather - is something that changes daily. North Pole - at the top of the world. South Pole - at the bottom of the world. Weather Forecast a prediction of what the weather will be

features which

occur naturally due

to the power of the

planet (and are not

made by humans)

volcanoes, oceans.

e.g. mountains,

River - a large

water falling out of the sky. Coastal - Near a coast City - Any populous place. In Britain a city is recognised as a town that has received the title from the crown. A large settlement of people found within a country. **Equator** - The great circle of the earth, equidistant from the poles, dividing the Northern and Southern hemisphere. Hemisphere - Half of the terrestrial globe, dividing into northern and southern hemispheres by the equator Landmark - A prominent or well known object in or feature of a particular landscape. Latitude - An angular distance measured in degrees north and south of the equator. Population - All the inhabitants of a particular place. Weather - The day to day meteorological

conditions.

of the terrestrial globe: either Northern or Southern, or Eastern or Western. **Human Processes -**The way people create or change a location. Interdependence -People places and processes relying on other people, places and processes in order to work. Land use - The purpose given to or activities within a given area of land. Mountain - A natural elevation of the Earth's surface which is higher than a hill. Resource -Something that people can make use of. Topography/topogr aphical - pertaining to the height, relief or surface features of an area. Trade - The exchange of goods and services between two or more parties. Tourism - Visiting an area for the purpose of leisure or recreation. Tundra - a vast. flat. treeless Arctic region of Europe,

to their environment. Canvon - a deep. narrow valley with steep sides. Climate - long term weather patterns in an area. Delta - a landform that forms at the mouth of a river. where the river flows into an ocean. sea, estuary, lake, or reservoir. **Drought** - less rainfall than is expected over an extended period of time, usually several months or longer. Or, more formally, it is a deficiency of rainfall over a period of time. resulting in a water shortage for some activity, group, or environmental sector. Erosion - the act in which rock/soil is worn away, often by water, wind or ice. Flood plain - an area of low-lying ground adjacent to a river, formed mainly of river sediments and subject to flooding. Gorge - a deep, narrow valley with steep sides, usually smaller than a canyon.

rock (magma) push its way up under the earth's crust. but doesn't ever flow Volcanic (fire) mountains are formed when molten rock (magma) deep within the earth erupts, and piles up layer on top of layer on the surface. Mountain Range -Long chains or groups of mountains. Fault-block - These are formed when cracks in the Earth's surface open up, large chunks of rocks can be pushed up while others are pushed down. **Fold -** The most common type of mountain. Formed when two plates collide and the edges crumple as they are pushed together and the rock of the Earth's surface is pushed up to create mountains. Summit - The top of a mountain. Tectonic Plates huge slabs of the earth's crust which float on the molten mantle.

Primary industry involved in the extraction and collection of natural resources, such as copper and timber, as well as by activities such as farming and fishing. Secondary industry - taking the raw materials produced by the primary sector and processing them into manufactured goods and products. **Tertiary/ Service** industry - The tertiary sector is also called the service sector and involves the selling of services and skills. Topography -Topography is a detailed map of the surface features of land. **Relief** - a location's relief is the difference between its highest and lowest elevations. Arable farming growing crops such as wheat and barley rather than keeping animals or growing fruit and vegetables. **Dairy Farming** production of dairy products. **Retail -** the process

of selling consumer

Local area and Hong Kong **Aerial** - from the air. Beach - an area of sand or small stones near the sea or another area of water such as a lake. Climate - the weather conditions prevailing in an area in general or over a long period. Continent - one of the earth's large land masses. Large land masses which with the exception of Antarctica are made up of a group of countries. Country - An area of land with boundaries which fits within a continent. City - A large settlement of people found within a country. Equator - an imaginary line drawn on the Earth and spaced equally between the North and South Pole. Forest - a large area covered with trees and undergrowth. **Harbour** - a place on the coast where ships may moor in

like over the next

week.

especially temperature, cloudiness and rainfall, affecting a specific place.

Street detectives Map - a map is a drawing of all or part of the earth's surface.

Plan - a plan gives a "bird's eye" view of a place.

Aerial photograph a picture that shows what a place looks like from above (what someone in an aeroplane might see if they looked down from above like a "bird's eve" view).

Location - a particular place. Symbol - a picture or graphic that stands for (represents) a real thing (e.g. a cross might represent a church).

Key - shows what each symbol on a map or plan means or represents. Grid reference - a

way of using coordinates to find a location (place) on a map or plan.

Compass points directions on a compass, e.g. North,

Asia, and North America in which the subsoil is permanently frozen.

Taiga - forest of the cold, subarctic region. The subarctic is an area of the Northern Hemisphere that lies just south of the Arctic Circle.

Vegetation belt -Plant life as a whole in a certain area. influenced by climatic conditions.

<u>Rivers</u>

Source - she point at which a river starts. Drainage basin -

any area of land where precipitation collects and drains off into a common outlet, such as into a river, e.g. the Amazon Basin.

region that is higher **Upper course** - the than the first stage of river, surrounding area often located on and relatively flat. high ground. **Population Density** Middle course - the - Measurement of second stage of a river, where the

Tributary - a small

the number of people in an area. land is flatter and This can be the river wider. calculated by **Lower course** - the dividing the number land is flat and the of people by the river is at its widest.

area in question. **Population** stream or river that **Distribution - The** Global Trade

Grand Canvon - the

large canvon made

by the Colorado

River in the USA

State of Arizona.

measure of the

distance you are

located from the

embankment built

overflow of a river.

distance of a place

east or west of the

Mountain - a large

stretches above the

surrounding land in

usually in the form

Mountain range - a

mountains that are

series or chain of

close together.

Plateau - a large

landform that

a limited area.

of a peak.

to prevent the

Longitude - the

Greenwich

meridian.

Latitude - a

equator.

Levee - an

Trade - The buying and selling of goods and services. **Globalisation** - the process of the world's countries becoming more connected as a result of international trade Primary Industry extracting the raw materials e.g. farming, mining, fishing, and forestry. Secondary Industry - Turning raw materials into other products (processing/manufa cturing stage) e.g. wood into furniture. tin into mobile phones, fish into fish fingers. Tertiary Industry -Services as provided

to businesses (shops selling the brand) and other customers. The distribution to retailers around the globe falls into this sector. Raw materials - a

is used to produce goods. Manufactured products - products that have been made from a raw material,

basic material that

goods or services to customers. Fossil fuel - A hydrocarbon fuel, such as petroleum, coal, or natural gas. Renewable energy energy generated from *sources* that are naturally replenished, such as sunlight, wind, tides and geothermal heat.

Non-renewable energy - from sources that will run out or will not be replenished for thousands or even millions of years. Population density -

the number of people living in an area.

Population distribution - The way in which people are spread across a given area.

Volcanoes and Earthquakes

Crust - the outermost shell of the planet Earth. Earth's crust is generally divided into older, thicker continental crust and younger, denser oceanic crust.

Magma - refers to the molten rocks and other materials that can be found

shelter. **Human Geography** -Things created/affected by people. These processes would not occur without human involvement. **Island** - a piece of land surrounded by water. Mountain - a large natural elevation of the earth's surface. Physical features features which occur naturally due to the power of the planet. Port - a harbour area where ships load and unload goods or passengers. Rural characteristic of the countryside rather than the town. **Transport** - a way of taking people or goods from place to place. **Urban** - Relating to cities and towns with a larger population than in rural areas. **Vegetation** - plants considered collectively, especially those found in a particular area or habitat. Village - a group of

houses and other

South. East and West. Human - things made for or changed by people (not by nature) e.g. roads, railways, buildings and swimming pools. Physical - things made of changed by nature (not by people) e.g. volcanoes, oceans, rivers, and mountains. Small scale - a map or plan where very big things look very small, e.g. continents and oceans. Large scale - a map or plan with more detail than a small scale map, perhaps showing individual human and physical features.

Erosion - the process by which a river cuts away rocks and soil. Transportation when eroded material is taken downstream. **Deposition** - when eroded material is 'dropped' or deposited when the river no longer has the capacity to carry it. Meander - the natural bend in a river. Oxbow lake - a section of a meandering river that becomes isolated from the main to form a lake. Flood plain - the area surrounding a river that is flooded from time to time when the river overflows its banks. **Mouth** - the point where the river ends. Estuary - in the lower course, where the river meets the sea. **Delta** - formed at the mouth of a river by deposition when mud accumulates and incoming tide cannot wash it away.

ioins the larger

river.

which are sparsely populated contain few people. Places which are densely populated contain many people. Topography (relief) - the study of the shape of the surface features of an area. Mediterranean Active volcano a volcano that has had at least one eruption during the past 10,000 years. **Agriculture Farming** - It includes both growing and harvesting crops and raising animals, or livestock. Coastal Plain - a flat, low-lying piece of land next to the ocean. Gorge a deep, narrow valle y with steep sides, usually formed by a river or stream cut ting through hard rock. **Port-** a town by the sea or by a river that has a harbour, or the harbour itself. Tectonic plates -The plates that make up the surface of the earth.

pattern of where

people live. Places

especially with machinery Supply chain everybody involved in getting a product in the hands of a customer. **Import** - A good or service brought into one country from another. **Export** - A good or service sent to another country for sale. Fair trade - Trade between companies in more developed countries and producers in less developed countries in which fair prices are paid to the producers.

deep within the earth. **Lava** - refers to magma that has reached the earth's surface through a volcano's vent. As a result. lava is nothing more than magma on the surface of the earth. Mantle - is the mostly solid bulk of Earth's interior. The mantle lies between Earth's dense. super-heated core and its thin outer layer, the crust. **Tectonic Plates -**The theory of plate tectonics revolutionised the earth sciences by explaining how the movement of geologic plates causes mountain building, volcanoes, and earthquakes. Plate Boundary - In some ways, Earth resembles a giant jigsaw puzzle. That is because its outer surface is composed of about 20 tectonic plates, enormous sections of Earth's crust that roughly fit together and meet at places called plate boundaries. Seismic Waves - are usually generated

by movements of

		buildings that is smaller than a town, usually in the countryside.	Dam - is a barrie that stops or restricts the flow water in a river of stream. Weir - is a barrie across the width a river that alters the flow of wate creating a step of cascade. (A wier also known as a head dam.) Hydro-electic date a dam which incorporates speturbines that convert the kinesenergy of flowing water into "clear green, renewable electrical energy. Water cycle - the natural process where water condenses (changes from green) to liquid) as precipitation, flothrough streams and rivers to the sea/ocean, then evaporates (changes from liquid to gas) and on, and so on, on and over again. Precipitation - is water that falls a rain, hail, sleet, snow, dew, fog, mist, etc. (It is important that pupils do not thi that the only sou	earthquakes or other vibrations of the earth and its crust. Volcano - a mountain or hill, with a crater or vent through which lava and gas are or have been erupted from the earth's crust. Mediterranean - characteristic of the Mediterranean Sea, the countries bordering it, or their inhabitants. Population density - the number of people per unit of area, usually quoted per square kilometre or square mile. Region - an area, especially part of a country or the world having particular characteristics but not always fixed boundaries.		the Earth's tectonic plates but may also be caused by explosions, volcanoes and landslides. Volcanic Materials - types of materials that are produced when a volcano erupts for example; lava, pyroclastic rocks, gases. Active Volcano - a volcano which is either erupting or likely to erupt in the future. Dormant Volcano - a volcano which has not erupted in a very long time but may erupt in the future. Extinct Volcano - a volcano which will not erupt in the future.
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	<u>reasedown 3t John School</u>			
	of fr rain. Irrig way char lake field mak Grid way coor a loo on a	gation - is the humans nnel water from se and rivers into des and forests se crops grow. It reference - a or of using rdinates to find cation (place) a map or plan.		
	Grid way coor a loc on a Trop wea all y beca to (c Equa sunl inter	d reference - a of using rdinates to find cation (place) a map or plan.		
	in de vege	ense, diverse etation, e.g. pical rainforest.		

Assessment for and of learning

We recognise that the purpose of assessment is to identify where there is under or over provision for learners so that any problem can be addressed promptly. Therefore teachers have a clear understanding of the expectations for their year group and the relevant milestone; know what good learning looks like on a daily basis and over time; and know that it is their understanding of **how** a pupil completes a task or activity enables the pupil to clearly demonstrate **what** they have learned and their **depth** of learning.

Teachers complete ongoing informal assessments on children's learning that help them to identify gaps in learning which can be addressed promptly. These may be in the form of careful questioning, recall quizzes, exit questions, mind maps or other assessment for learning tasks, or through assessment of the child's exercise book.

End of phase expectations in the skills of 'Being a Geographer'

Children are assessed for the knowledge that they have learnt and the skills they have developed and honed. We expect every child to reach the 'advancing' stage of development according to their milestone. A few children will reach deeper levels of understanding and some children will only attain a basic level of understanding.

EYFS

Understanding the world

ELG: People, Culture and Communities

Children at the expected level of development will:

- Describe their immediate environment using knowledge from observation, discussion, stories, non-fiction texts and maps;
- Explain some similarities and differences between life in this country and life in other countries, drawing on knowledge from stories, non-fiction texts and when appropriate maps.

ELG: The Natural World

Children at the expected level of development will:

- Explore the natural world around them, making observations and drawing pictures of animals and plants;
- Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class;
- Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.

Milestone 1 (Year 1 - Year 2)

Learning Objective	Key Indicator	Basic	Advancing	Deep	Milestone Coverage
To investigate places	Ask and answer geographical questions (such as: What is this place like? What or who will I see in this place? What do people do in this place?)	With the support of a teacher, some geographical questions are asked and answered.	Generally, some pertinent geographical questions are asked and answered.	A good range of pertinent geographical questions are asked and answered.	Year 1 - The United Kingdom and Hong-Kong/Local Area Year 2 - Amazing Earth: Continents and Oceans
	Identify the key features of a location in order to say whether it is a city, town, village, coastal or rural area	Guided by a teacher, the key features of a location are identified and described.	There is a general understanding that different places have different characteristic features and that they can help to decide what sort of place it is.	There is a good understanding and use of the characteristic features of different areas to identify what sort of place it is.	Year 1 - The United Kingdom and Hong-Kong/Local Area Year 2 - Street Detectives
	Use world maps, atlases and globes to identify the United Kingdom and its countries, as well as the countries, continents and oceans studied.	With support from a teacher, there is an awareness of the countries of the United Kingdom, some of the continents, oceans and countries of the world.	There is a growing knowledge of the countries of the United Kingdom and the continents, countries and oceans of the world.	There is a good knowledge of the countries of the United Kingdom, the world's continents and oceans and a rapidly growing knowledge of other countries around the world.	Year 1 - The United Kingdom Year 2 - Amazing Earth: Continents and Oceans

	Use simple fieldwork and observational skills to study the geography of the school and the key human and physical features of its surrounding environment	With support from a teacher, simple fieldwork is carried out and the key human and physical features of the area surrounding the school are described.	A growing use of simple fieldwork skills are used and the key physical and human features of the area surrounding the school are generally described well using some geographical vocabulary.	Simple fieldwork techniques are chosen and the key physical and human features of the school are described well using geographical vocabulary	Year 1 - Weather Year 2 - Street Detectives: Our Local Area
	Name, locate and identify characteristics of the four countries and capital cities of the United Kingdom and its surrounding seas.	With the support of a teacher, the four countries and capital cities of the United Kingdom are named and some of their characteristics described.	The four countries and capital cities of the United Kingdom are named and there is a growing awareness of many of their characteristic features, which are used to identify similarities and differences.	The four countries and capital cities of the United Kingdom are named and there is a good awareness of their characteristic features, which are used to create excellent comparisons.	Year 1 - The United Kingdom
	Name and locate the world's continents and oceans.	With the support of a teacher, the world's continents and oceans are named.	The world's continents and oceans are named accurately and there is some application of this knowledge in describing places.	The world's continents and oceans are named accurately and well reasoned descriptions of places in relation to them are provided.	Year 2 - Amazing Earth: Continents and Oceans
To investigate patterns	Understand geographical similarities and differences through studying the human and physical geography of a small area of the United Kingdom and of a contrasting non-European country	With the support of a teacher locations are compared and contrasted with the use of some geographical vocabulary.	Some good comparisons, using geographical vocabulary, are applied to contrasting localities.	Good criteria, and a good grasp of geographical vocabulary used in comparing locations with contrasting characteristic features.	Year 1 - Hong-Kong and Local Area
	Identify seasonal and daily weather patterns in the United Kingdom and the location of hot and cold areas of the world in relation to the Equator and the North and South Poles.	With the support of a teacher, seasonal and daily weather patterns in the United Kingdom are observed and recorded. There is an awareness of the Equator, North and South Poles.	Seasonal and daily weather patterns are generally observed and described with some detail. There is a growing ability to describe hot and cold areas of the world in relation to the Equator, North and South Poles.	Seasonal weather patterns are understood well, and careful observations of daily weather undertaken. There is a well developed ability to describe hot and cold areas of the world in relation to the Equator, North and South Poles.	Year 1 - Weather
	Identify land use around the school.	With the support of a teacher, patterns of land use near the school are investigated.	Patterns of land use are investigated and described using geographical language.	Patterns of land use are investigated and described in detail using well-chosen geographical vocabulary.	Year 2 - Street Detectives: Our Local Area

	Describe how the locality of the school has changed over time.	With the support of a teacher, some of the changes to the locality of the school over time are identified and described using some geographical language.	Geographical language is selected to describe changes to the locality of the school over time.	Careful vocabulary choices and well-reasoned areas for research are used to provide clear and interesting details of how the locality of the school has changed over time.	Year 2 - Street Detectives
To communicate geographically	Use basic geographical vocabulary to refer to: • key physical features, including: beach, coast, forest, hill, mountain, ocean, river, soil, valley, vegetation and weather. • key human features, including: city, town, village, factory, farm, house, office and shop	With the support of a teacher, some basic geographical features are identified and used to describe a place.	A growing repertoire of geographical vocabulary is selected to describe places.	A large repertoire of geographical vocabulary is carefully chosen to accurately and concisely describe the key characteristics of places.	Year 1 - The United Kingdom and Hong-Kong/ Local Area Year 2 - Street Detectives: Our Local Area
	Use compass directions (north, south, east and west) and locational language (e.g. near and far) to describe the location of features and routes on a map.	With support from a teacher, compass directions and locational language are used to describe places.	Generally, compass directions are used accurately and locational language used appropriately to describe places.	Compass directions and locational language are used fluently and accurately to describe places with judicious detail.	Year 1 - The United Kingdom and Hong-Kong/Local Area Year 2 - Street Detectives: Our Local Area
	Devise a simple map; and use and construct basic symbols in a key. Use simple grid references (A1, B1).	With the support of a teacher, simple maps, keys and grid references are used.	Simple maps that include keys and simple grid references are created in a number of contexts.	Maps that include keys and simple grid references and a good level of detail are created for a wide variety of purposes. Choices of symbols for keys are well reasoned.	Year 2 - Street Detectives: Our Local Area

Milestone 2 (Year 3 - Year 4)

Learning Objective	Key Indicator	Basic	Advancing	Deep	Milestone Coverage
To investigate places	Ask and answer geographical questions about the physical and human characteristics of a location	There are some good examples of geographical questions about the characteristics of a location.	A developing range of geographical questions are asked and answered accurately.	Some very pertinent questions that uncover the nature of a location are asked and answered	Year 3 - Where in the world?
	Explain own views about locations, giving reasons.	When prompted, views about a location are generated with some use of geographical vocabulary to explain them.	Geographical vocabulary is generally used to explain reasons for likes and dislikes about locations.	Clear and well-chosen geographical vocabulary is used to explain likes and dislikes about locations.	Year 4 - Antarctica/ Mediterranean
	Use fieldwork to observe and record the human and physical features in the local area using a range of methods including sketch maps, plans and graphs and digital technologies.	Some fieldwork techniques are applied when investigating the local area.	A growing range of fieldwork techniques are chosen and applied when investigating the local area.	Competent use of well-chosen fieldwork techniques is applied to a range of studies of locations.	Year 3 - Rivers
	Use a range of resources to identify the key physical and human features of a location.	There is some awareness of the range of resources that can be used to investigate a place and to identify its characteristics.	Resources are chosen in order to investigate and describe the characteristics of places.	Well-chosen resources are selected to investigate places and describe, in some detail, their characteristic features.	Year 3 - Where in the world?
	Name and locate the countries of Europe and identify their main physical and human characteristics.	With the support of a teacher, some of the names of the countries in Europe and some of their characteristics are identified.	A growing number of European countries are known and their characteristic features identified using geographical vocabulary.	A large number of European countries are known and criteria are created to show similarities and differences between	Year 3 - Our European Neighbours
	Name and locate the countries of North and South America and identify the main physical and human characteristics of a particular location.	There is a growing awareness of the countries of North and South America and, with support, some key characteristics of particular locations are described.	There is a good awareness of the countries of North and South America and a growing depth of understanding of a particular location.	There is a good awareness of the countries of North and South America and a deep understanding of a particular location.	Year 4 - The USA

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To investigate patterns	Name and locate the Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, the Arctic and Antarctic Circles and date/ time zones. Describe some of the characteristics of these geographical areas	There is some awareness of the terms that can be used to describe geographical patterns.	There is a good level of application of a growing range of terminology to describe geographical patterns.	There is an excellent knowledge and well-chosen application of terminology to describe geographical patterns	Year 3 - Where in the world? Year 4 - Antarctica
	Describe geographical similarities and differences between countries.	With support from a teacher, similarities and differences between countries are identified.	Criteria are chosen from a list to help describe the similarities and differences between countries.	Well-reasoned criteria are created to describe the similarities and differences between countries.	Year 4 - Mediterranean
To communicate geographically	Describe key aspects of: • physical geography, including: rivers, mountains, volcanoes and earthquakes and the water cycle. • human geography, including: settlements and land use.	With guidance from a teacher, some terminology is used to describe locations geographically.	When reminded of the range of known geographical vocabulary, descriptions include a good level of detail.	An in-depth understanding of geographical terms is well chosen to provide accurate	Year 3 - Where in the world/ Our European Neighbours/ Rivers Year 4 - Mediterranean
	Use the eight points of a compass, four-figure grid references, symbols and key to communicate knowledge of the United Kingdom and the wider world.	With guidance from a teacher, position and direction is described using some detail and reference to the United Kingdom.	When reminded of the known ways to describe position and direction, a good range of terminology and reference points, including the United Kingdom and the continents of the world, is used.	A very good understanding of the many ways to reference position and direction are carefully chosen to provide interesting descriptions that include reference to the United Kingdom, continents, oceans and major landmarks of the world.	Year 4 - Mediterranean/ Bath

Milestone 3 (Year 5 - Year 6)

Learning Objective	Key Indicator	Basic	Advancing	Deep	Milestone Coverage
To investigate places	Collect and analyse statistics and other information in order to draw clear conclusions about locations	With support from a teacher, a range of statistics is collected and analysed and some conclusions about locations are drawn.	A growing range of statistical and other information is selected and used to draw some conclusions about locations.	A wide range of statistical and other information is well chosen and used to draw pertinent conclusions about a location	Year 5 - Misty Mountains Year 6 - The UK and Tectonic Hazards
	Identify and describe how the physical features affect the human activity within a location.	There is some awareness that physical features of a location affect human activity and some examples are given.	There is a growing awareness that a range of physical features affect human activity and a variety of good examples are given.	A good awareness that many physical features and events influence human activity is used to describe the possibilities and limitations for human activity.	Year 5 - Rainforests
	Use a range of geographical resources to give detailed descriptions and opinions of the characteristic features of a location.	With support from a teacher, a range of geographical resources are used to give some details and opinions of the characteristic features of a location.	Detailed descriptions and opinions of places justified by using a growing range of geographical resources.	Highly detailed descriptions and well-reasoned opinions are developed by using appropriate geographical resources.	Year 5 - Rainforests Year 6 - The UK, Kenya
	Use different types of fieldwork sampling (random and systematic) to observe, measure and record the human and physical features in the local area. Record the results in a range of ways.	With guidance from a teacher, different types of fieldwork are used to investigate and record details of places.	Different types of fieldwork are chosen to investigate and record, in a number of ways, details of places.	Different types of fieldwork are suggested and used to find specific details of a range of diverse places and to record and present findings in a variety of ways.	Year 6 - The UK
	Analyse and give views on the effectiveness of different geographical representations of a location (such as aerial images compared with maps and topological maps - as in London's Tube map).	There are some good observations about the different representations of a location.	A number of interesting and pertinent observations about various representations of locations are developed and explored.	Some very insightful and well thought out opinions of different representations of a place are presented and explored.	Year 6 - The UK
	Name and locate some of the countries and cities of	Supported by structured activities, there is a growing knowledge of	There is a good awareness of a wide variety of places and features	There is an extensive and well developed understanding of the	Year 6 - Kenya

	the world and their identifying human and physical characteristics, including hills, mountains, rivers, key topographical features and land-use patterns; understand how some of these aspects have changed over time.	the world and how some aspects have changed over time.	of the world and how some features have changed over time.	world and some characteristic features of places. Similarities and differences are identified and used to create insightful comparisons, including those that chart changes over time.	
	Name and locate counties and cities of the United Kingdom, geographical regions and their identifying human and physical characteristics, including hills, mountains, cities, rivers, key topographical features and land-use patterns; understand how some of these aspects have changed over time.	With some support from a teacher, knowledge of the counties and cities of the United Kingdom is revised and built upon and some key features of its regions explored.	The names of the counties and major cities of the United Kingdom are identified and many of the key features of its regions described using geographical vocabulary.	Fluent recall of the counties and major cities of the United Kingdom and a growing understanding of the nature of its regions are used to provide clear descriptions that include well-chosen geographical vocabulary.	Year 6 - The UK
To investigate patterns	Identify and describe the geographical significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, the Arctic and Antarctic Circles, and time zones (including day and night).	With some support, the geographical significance of some geographical features and zones are described.	There is a growing understanding of, and some good descriptions of, the significance of geographical features and zones.	There is an in-depth understanding of and some excellent descriptions of the significance of geographical features and zones.	Year 5 - Tropical Rainforests Year 6 - Kenya
	Understand some of the reasons for geographical similarities and differences between countries.	With support, some reasons for geographical similarities and differences between countries are explored.	There is a growing understanding of some of the similarities and differences with some good examples provided.	There is a good understanding of a wide range of physical and human geographical similarities between countries which are described very well.	Year 5 - Global Trade Year 6 - Kenya

	Describe how locations around the world are changing and explain some of the reasons for change.	With support, changes within locations are described.	There is a growing awareness of how some locations around the world are changing with some good explanations of the reasons for the changes.	There is a broad understanding of many changes in locations around the word with an in-depth understanding of some of the changes, which are clearly explained.	Year 5 - Rainforests and Misty Mountains Year 6 - Kenya and Tectonic Hazards
	Describe geographical diversity across the world.	There is some awareness of geographical diversity and some good examples are given.	There is a growing understanding of the range of geographical diversities that exist and some good examples are given.	Many types of diversity are understood and some are explained with a high degree of pertinent geographical description	Year 5 - Kenya and The UK
	Describe how countries and geographical regions are interconnected and interdependent.	There is some awareness of how geographical regions are linked and some examples are given.	There is a growing understanding of various links between geographical regions which are described well.	A wide range of links between geographical regions are understood and described with a high level of accurate detail.	Year 5 - Global Trade
To communicate geographically	Describe and understand key aspects of: • physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes and the water cycle. • human geography, including: settlements, land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals, and water supplies.	There is some awareness of the key physical and human geographical zones with some examples given.	There is a growing understanding of some of the key physical and human geographical zones with some good examples given.	There is a broad understanding of the key physical and geographical zones with an in-depth understanding of some.	Year 5 - Misty Mountains/ Tropical Rainforests Year 6 - Tectonic Hazards
	Use the eight points of a compass, four figure grid references, symbols and a key (that uses standard Ordnance Survey symbols) to communicate knowledge of the United Kingdom and the world.	With support from a teacher, position and direction are described using a number of terms to demonstrate knowledge of the world.	With increasing independence and application of terminology, knowledge of the world is described well.	Fluent understanding of terminology and a good knowledge of many characteristic features of the world is used to give detailed descriptions of locations and patterns.	Year 6 - The UK

Create maps of locations identifying patterns (such as land use, climate zones, population densities, height of land).		Through investigation, patterns are identified and depicted on maps.	Through thorough investigation, a wide variety of patterns are investigated and depicted on maps.	Year 5 - Misty Mountains Year 6 - Tectonic Hazards
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