

	Whole School Progression Map of Knowledge and Skills  Geography										
Key threads	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6			
Human features and landmarks	of the immediate environment include the school, the playground, streets and houses.  • AOL: World  Notice and begin to name different man-made	Human features are man-made and include houses, shops, buildings, offices, parks, streets and places of worship.  • AOL: World  Name and talk about man-made features in the local environment, including shops, houses, streets and parks.	houses, offices, ports, harbours and shops. Landmarks and monuments are features of a landscape, city or town that are easily seen and recognised from a distance. They also help	man-made and include castles, towers, schools, hospitals, bridges, shops, tunnels, monuments, airports and roads. People use human features in different ways. For example, an airport can be used for work	• Describe the type, purpose and use of different buildings, monuments, services and	Human features can be interconnected by function, type and transport links.      Describe a range of human features and their location and explain how they are interconnected.	Transport networks can be tangible, such as rails, roads or canals, or intangible, such as air and sea corridors. These networks link places together and allow for the movement of people and goods. Transport networks are usually built where there is a high demand for the movement of people or goods. They run between places where journeys start or finish, such as airports, bus stations, ferry terminals or railway stations.      Describe and explain the location, purpose and use of transport networks across the UK and other parts of the world.	significant factors in community life in a settlement.  • Explain how humans function in the place they live.			



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Settlements and land use	• AOL: World  Say how two places in the immediate environment are the same or different.	environment to their own.	big or small, depending on how many people live there. Towns and cities are urban settlements. Features of	can be used for recreational, transport, agricultural, residential and commercial purposes, or a mixture of these.  • Describe the size, location and function of a local industry.	Different types of settlement include rural, urban, hamlet, town, village, city and suburban areas. A city is a large settlement where many people live and work. Residential areas surrounding cities are called suburbs.      Describe the type and characteristics of settlement or land use in an area or region.	• Explain ways that settlements, land use or water systems are used in the UK and other parts of the world.	• Agricultural land use in the UK can be divided into three main types, arable (growing crops), pastoral (livestock) and mixed (arable and pastoral). An allotment is a small piece of land used to grow fruit, vegetables and flowers. A wide variety of crops are farmed in the UK, such as wheat, barley, oats, potatoes, other vegetables, fruits and oilseed rape. A wide variety of livestock are reared on farms in the UK, such as sheep, dairy cattle, beef cattle, poultry and pigs.  • Describe in detail the different types of agricultural land use in the UK.	distribution of natural resources in an area or country.			



			Whole So		Map of Knowledge and graphy	d Skills		
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Climate and weather	or the number of people outside, occur with the passing of the seasons.  • AOL: World	winter. Each season has typical weather patterns.  • AOL: World Record observations about the way the	• There are four seasons in the UK: spring, summer, autumn and winter. Each season has typical weather patterns. Types of weather include sun, rain, wind, snow, fog, hail and sleet. In the United Kingdom, the length of the day varies depending on the season. In winter, the days are shorter. In summer, the days are longer. Symbols are used to show different types of weather.  • Identify patterns in daily and seasonal weather.	Describe simple weather patterns of hot and cold places.		Climatic variation describes the changes in weather patterns or the average weather conditions of a country or continent.      Explain climatic variations of a country or continent.	(temperature, weather patterns and precipitation) can affect land use. Farmers living in different countries adapt their farming practices to suit their local climate	Climate and extreme weather can affect the size and nature of settlements shelters and buildings, diet, lifestyle (settled or nomadic), jobs, clothing, transport and transportation links and the availability of natural resources.      Evaluate the extent to which climate and extreme weather affect how people live.



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Physical processes	and heavy rain can cause flooding.	AOL: World	• Describe in simple terms how a physical process or human behaviour has affected an area, place or human activity.	involves the weathering and	two tectonic plates push into each other, pull apart from one another or slide alongside each other. The centre of an earthquake is called the epicentre.	recycled through a process called the water cycle. The four	success of agricultural land.  • Describe how soil fertility, drainage	<ul> <li>Physical processes that can affect a landscape include erosion by wind, water or ice; the deposition of stone and silt by water and ice; land movement, such as landslides and tectonic activity, such as earthquakes or volcanic eruptions.</li> <li>Describe the physical processes, including weather, that affect two different locations.</li> </ul>			
Geographical resources	Identify simple	<ul> <li>AOL: World</li> <li>Maps and photographs can be used to show key features of the local environment.</li> <li>AOL: World</li> <li>Use photographs and maps to identify and describe human and physical features from their locality.</li> </ul>	Identify     features and     landmarks on an     aerial photograph     or plan     perspective.	An aerial photograph can be vertical (an image taken directly from above) or oblique (an image taken from above and to the side).      Study aerial photographs to describe the features and characteristics of an area of land.	mapping tools can help to locate and describe significant geographical features.  • Analyse maps, atlases and globes, including digital mapping, to locate countries and describe features studied.	geographical features, topography, boundaries, and climatic, social and economic statistics of an area.  • Study and draw conclusions about places and geographical features using a range of geographical resources, including	Aerial     photography is used in cartography, landuse planning and environmental studies. It can be used alongside maps to find out detailed information about a place, or places.      Analyse and compare a place, or places, using aerial photographs.  Atlases and maps.	Satellite images are photographs of Earth taken by imaging satellites.      Use satellite imaging and maps of different scales to find out geographical information about a place.			



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Data analysis	Use small world toys, such as cars and model houses, to represent data from the locality.	information can be collected by using simple tally charts and pictograms.	Data is information that can be collected and used to answer a geographical question.      Collect simple data during fieldwork activities.	recorded in different ways, including tables, charts and pictograms.		geographical reports, surveys, maps, research, books and the internet.  • Collect and analyse primary and secondary	economic statistics, can be used as evidence to support conclusions.  • Summarise geographical data to draw conclusions.	Data helps us to understand patterns and trends but sometimes there can be variations due to numerous factors (human error, incorrect equipment, different time frames, different sites, environmental conditions and unexplained anomalies     Analyse and present increasingly complex data, comparing data from different sources and suggesting why data may vary.				



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Fieldwork	simple fieldwork activities, such as helping to take photographs or recording simple data.	AOL: World  Fieldwork includes going on walks and visits to collect information about the environment.      AOL: World  Take photographs, draw simple picture maps and collect simple data during fieldwork activities.	questions, take photographs, take measurements and collect samples.  • Carry out fieldwork tasks to	to answer questions about the local environment and can include observing or measuring, identifying or classifying and recording.  • Ask and answer simple geographical questions through observation or simple data		can provide evidence to support and answer a geographical hypothesis.  • Investigate a geographical hypothesis using a range of fieldwork techniques.	enquiry can help us to understand the physical geography (rivers, coasts, weather and rocks) or human geography (population changes, migration, land use, changes to inner city, urbanisation developments and tourism) of an area and the impacts on the surrounding environment.,	answer geographical questions.  • Ask and answer geographical questions and hypotheses using a range of fieldwork and research techniques.			



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Natural and man-made materials	Some materials are natural and others are manmade.  • AOL: World	Natural materials include wood, stone and sand. Manmade materials include metal, plastic, glass and fabric. Materials can be used to build and make things.      AOL: World  Name some natural and man-made materials in the environment.	Natural materials are dug out of the ground, grown or taken from a	be natural (rock, stone, water, sand, soil, water and clay) and manmade (brick, glass, plastic and concrete). Natural and man-made materials are used to make human features.  • Describe the properties of natural and man-made materials and where they are found in the environment.	rocks are made from sediment that settles in water and becomes squashed over a long time to form rock. They are often soft, permeable, have layers and may contain fossils. Igneous	minerals are dissolved and carried in the water. Suspension is when fine, light material is carried. Saltation is when small pebbles and stones are carried along the riverbed. Traction is when large boulders and rocks are	purposes is an important consideration. In particular, the topographical slope	The polar oceans are significantly colder than other world oceans. This influences the presence of sea ice, glaciers and icebergs.  Explain how the presence of ice makes the polar oceans different to other oceans on Earth.			



	Whole School Progression Map of Knowledge and Skills										
				Geog	graphy						
Key threads	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6			
Physical features	AOL: World Common physical features include fields, rivers and hills.      AOL: World Name some physical features in the immediate environment.	AOL: World  Large physical features include rivers, mountains, oceans and the coastline.      AOL: World  Name some common physical features in the locality and beyond.	Physical features are naturally-created features of the Earth.      Use basic geographical vocabulary to identify and describe physical features, such as beach, cliff, coast, forest, hill, mountain, sea, ocean, river, soil, valley and vegetation.	to weather and other forces.  • Describe the size, location and position of a physical feature, such as beach, cliff, coast, forest, hill, mountain, sea, ocean, river, soil, valley and	<ul> <li>A volcano is an opening in the Earth's surface from which gas, hot magma and ash can escape. They are usually found at meeting points of the Earth's tectonic plates. When a volcano erupts, liquid magma collects in an underground magma chamber. The magma pushes through a crack called a vent and bursts out onto the Earth's surface. Lava, hot ash and mudslides from volcanic eruptions can cause severe damage.</li> <li>The Earth is made of four different layers. The inner core is made mostly of hot, solid iron and nickel, and the outer core is made of solid rock and molten rock called magma. The crust is a thin layer of solid rock that is broken into large pieces called tectonic plates. These pieces move very slowly across the mantle.</li> <li>Describe the parts of a volcano or earthquake.</li> <li>Name and describe properties of the Earth's four layers.</li> </ul>	millions of years. They are made when the Earth's tectonic plates push together or move apart. Mountains are also formed when magma underneath the Earth's crust pushes large areas of land upwards. There are five		• The Arctic is a sea of ice surrounded by land and located at the highest latitudes of the Northern Hemisphere. It extends over the countries that border the Arctic Ocean, including Canada, the USA, Denmark, Russia, Norway and Iceland. Antarctica is a continent located in the Southern Hemisphere. Antarctica does not belong to any country. Physical features typical of the Arctic and Antarctic regions include glaciers, icebergs, ice caps,  • Compare and describe physical features of polar landscapes.			



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Environment	It is everybody's responsibility to look after the environment.  • AOL: World	Litter has a harmful effect on the areas where we live, work and play. People need to put their rubbish into the bin and not throw it on the ground.	Litter and pollution have a harmful effect on the areas where we live, work and play.      Describe how pollution and litter affect the local environment and school grounds.	improved by picking up litter, planting	<ul> <li>The Earth has five climate zones: desert, Mediterranean, polar, temperate and tropical.</li> <li>Identify the five major climate zones on Earth.</li> </ul>	wildlife at different altitudes on mountains. Examples include forests that grow at low altitudes and support a wide variety of plants and animals, tundra that is found at higher altitudes and supports plants and animals that are adapted to harsher environments, and the summits of mountains, which are usually covered in ice and snow and don't support any life.	climate zones: desert, Mediterranean, polar, temperate and tropical. Mountains have variable climates depending on altitude. A biome is a large ecological area on the Earth's surface, such as desert, forest, grassland, tundra and aquatic. Biomes are often defined by a range of factors, such as	melting of polar ice caps, rising sea levels and extreme weather. Climate change is caused by global warming. Human activity, such as burning fossil fuels, deforestation, habitat			



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Sustainability	Natural environment s can be affected by the actions of humans	environments can be affected by the actions of humans	can be affected by the actions of humans, including cutting down trees or dropping litter. Humans can protect the environment by choosing to preserve woodlands and hedgerows, recycling where possible and disposing of waste carefully.	Conservation activities include reducing, reusing and recycling, composting, saving water and saving	A person's carbon footprint is the amount of carbon dioxide released into the atmosphere from their activities. People can reduce their carbon footprint by driving less, eating less meat, flying less and wasting less food and products.      Describe the meaning of the term 'carbon footprint' and explain some of the ways this can be reduced to protect the environment.	natural resources cannot be replaced, like coal or oil. They are non-renewable. Some, like wind or flowing water, are renewable sources of energy.	processes more sustainable and better for the	Natural resource management (NRM) manages natural resources, including water, land, soil, plants and animals. It recognises that people rely on healthy landscapes to live and aims to create sustainable ways of using land now and in the future.  Explain the significance of human-environment relationships and how natural resource management can protect natural resources to support life on Earth.



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World	World The world has lots of different places.  • AOL: World Talk about places that they have been to or seen in photographs. Play with globes, observe maps	different places around the world.  • AOL: World  Begin to notice and talk about the different places around the world, including oceans and seas.	large area of	sea. There are five oceans on our planet called the Arctic, Atlantic, Indian, Pacific and Southern Oceans. Seas include the Black, Red and Caspian Seas. The United Kingdom is an island surrounded by the Atlantic Ocean, English Channel, Irish Sea and North Sea. The world's seven continents are Africa, Antarctica, Asia, Australia, Europe, North America and South	include the United Kingdom, France, Spain, Germany, Italy and Belgium. Russia is part of both Europe and Asia.  • Locate countries and major cities in Europe (including Russia) on a world map.	and Panama. The South American continent includes the countries of Brazil, Argentina, Chile, Colombia, Peru,	the USA, Shanghai in China, Istanbul in Turkey, Moscow in Russia, Manila in the	Geographical interconnections are the ways in which people and things are connected.      Explain interconnections between two or more areas of the world.			



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Key threads	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6			
UK	• AOL: World  Show an interest in the place they live on a map or globe.	• AOL: World Identify the United Kingdom on a world map or globe.	countries: England, Northern Ireland, Scotland and Wales. A capital	capital city, language, currency and key landmarks. England is the biggest country in the United Kingdom.  • Identify characteristics of the four countries and major cities of the UK.	Counties of the United Kingdom include Derbyshire, Sussex and Warwickshire. Major cities of the United Kingdom include London, Birmingham, Edinburgh, Cardiff, Manchester and Newcastle.      Name, locate and describe some major counties and cities in the UK.	Significant rivers of the UK include the Thames, Severn, Trent, Dee, Tyne, Ouse and Lagan. Significant mountains and mountain ranges include Ben Nevis, Snowdon, Helvellyn, Pen y Fan, the Scottish Highlands and the Pennines.  Topography is the arrangement of the natural and artificial physical features of an area.  Create a detailed study of geographical features including hills, mountains, coasts and rivers of the UK.  Identify the topography of an area of the UK using contour lines on a map.	Relative location is where something is found in comparison with other features.      Describe the relative location of cities, counties or geographical features in the UK in relation to other places or geographical features.	A geographical pattern is the arrangement of objects on the Earth's surface in relation to one another.      Describe patterns of human population growth and movement, economic activities, space, land use and human settlement patterns of an area of the UK or the wider world.			



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Key thr	eads Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6		
Locat		one place is different to another using	equator. The equator is an imaginary line that divides the Earth into two parts: the Northern and Southern Hemispheres.	the Northern and Southern Hemispheres. The North Pole is the most northern point on Earth. The South Pole is the most southern point on Earth.  • Locate the equator and the North and South Poles on a world map or globe.	Latitude is the distance north or south of the equator and longitude is the distance east or west of the Prime Meridian.      Locate significant places using latitude and longitude.	is 23 degrees north of the equator and Tropic of Capricorn is 23 degrees south of the equator.  • Identify the location of the Tropics of Cancer and Capricorn on a world map.	that divides the Earth into eastern and western hemispheres. The time at Greenwich is rcalled Greenwich Mean Time (GMT). Each time zone that is 15 degrees to the west of Greenwich is another hour earlier than GMT. Each time zone 15 degrees to the east is another hour later.  Identify the location and explain the function of the Prime (or Greenwich) Meridian and different time zones (including day and night).	part of Earth that is to the north of the equator. The Southern Hemisphere is the part of Earth that is to the south of the equator. The Prime Meridian is the imaginary line from the North Pole to the South Pole that passes through Greenwich in England and marks 0° longitude, from which all other longitudes are measured.  • Identify the position and explain the significance of latitude, longitude, equator, Northern		



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Position	language is used to describe where things are in relation to one another. Positional language includes in, on, next to, behind and in front of.  • AOL:  Maths Discuss routes and locations and use and understand some positional language.	Positional language is used to describe where things are in relation to one another. Positional language includes in, on, next to, behind, in front of, in between, above, below and underneath.  • AOL: Maths Use simple positional language to describe where things are in		are north, south, east and west. A route is a set of directions that can be used to get from one place to another.	The eight points of a compass are north, south, east, west, north-east, north-west, south-east and south-west.  Use the eight points of a compass to locate a geographical feature or place on a map.	west (W), which are at 90° angles on the compass rose. The four intercardinal (or ordinal) directions are halfway between the cardinal directions: north-east (NE), south-east (SE), south-west (SW) and north-west (NW).  • Use the eight points of a compass, four and six-figure grid references, symbols	describe the relationship of features to each other, or to describe the direction of	Invisible lines of latitude run horizontally around the Earth and show the northerly or southerly position of a geographical area. Invisible lines of longitude run vertically from the North to the South Pole and show the westerly or easterly position of a geographical area.      Use lines of longitude and latitude or grid references to find the position of different geographical areas and features.		



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Maps	• AOL: World  Describe a familiar route and use maps as part of role play.	AOL: World A map is a picture or drawing of an area of land or sea.      AOL: World  Make and use simple maps in their play to represent places and journeys, real and imagined.	drawing of an area of land or sea that can show human and physical features. A key is used to	physical features. Maps use symbols and a key. A key is the information needed to read a map and a symbol is a picture or icon used to show a geographical feature.  • Draw or read a	numbers. The first two numbers are called the easting and are found along the top and bottom of a map. The second two numbers are called the northing and are found up both sides of a map. Four-figure grid references give specific information about locations on a map.	The first three figures are called the easting and are found along the top and bottom of a map. The second three figures are called the northing and are found up both sides of a map. Six-figure grid references give detailed information about locations on a map.  • Use four or six-figure grid references and keys to describe the location of objects and places on a map.	an area. Relief maps show the contours of land based on shape and height. Contour lines show the elevation of the land, joining places of the same height			



Whole School Progression Map of Knowledge and Skills  Geography  You have been seen as a second seco										
	Talk about simple differences between the way people live in the	Places can have different climates, weather, food, religions, culture, wildlife, transport and amenities.  • AOL: World	Identify the similarities and differences between two places.	country is a country outside the continent of Europe. For example, the USA, Australia, China and Egypt are non-European countries. European countries include the United Kingdom, Germany, France and Spain.	• Geographical features created by nature are called physical features. Physical features include beaches, cliffs and mountains. Geographical features created by humans are called human features. Human features include houses, factories and train stations.  • Classify, compare and contrast different types of geographical feature.	include rivers, forests,	Antarctica, Asia, Australia, Europe, North America and	• Climate is the long-term pattern of weather conditions found in a particular place. Climates can be compared by looking at factors including maximum and minimum levels of precipitation and average monthly temperatures.  • Describe the climatic similarities and differences between two regions.		



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Significant places	• AOL: World  Talk about and ask questions about places that are important to them.	place can be important because of its location, use buildings or landscape.  • AOL: World  Discuss and describe places that are important to them.	location, buildings, landscape, community, culture and history. Important buildings can include schools, places of worship and buildings that provide a service to the	also be significant because of religious or historic events that may have happened in the past near the location. Significant places can also include monuments, such as the Eiffel Tower, or natural landscapes,	Significant volcanoes include Mount Vesuvius in Italy, Laki in Iceland and Krakatoa in Indonesia. Significant earthquake-prone areas include the San Andreas Fault in North America and the Ring of Fire, which runs around the edge of the Pacific Ocean and is where many plate boundaries in the Earth's crust converge. Over three-quarters of the world's earthquakes and volcanic eruptions happen along the Ring of Fire.  Name and locate significant volcanoes and plate boundaries and explain why they are important.	Andes, Alps, Atlas, Pyrenees, Apennines, Balkans and Sierra	Farming challenges for developing countries include poor soil, disease, drought and lack of markets. Education, fair trade and technology are ways in which these challenges can be reduced.      Identify some of the problems of farming in a developing country and report on ways in which these can be supported.	North America, Europe and East Asia are the main industrial regions of the world due to a range of factors (access to raw materials, transportation, fresh water, power and labour supply).  Name, locate and explain the distribution of significant industrial, farming and exporting regions around the world.			



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Geographical	Notice and talk about how things have changed in the local environment.	Discuss how the local environment has changed over time using photographs and first-hand experiences.	Geographical features can change over time.      Describe how a place or geographical feature has changed over time.	geographical process, such as erosion, or human activity, such as housebuilding.  • Describe how an environment has or	<ul> <li>Significant geographical activity includes earthquakes and volcanic eruptions. These are known as natural disasters because they are created by nature, affect many people and cause widespread damage.</li> <li>The crust of the Earth is divided into tectonic plates that move. The place where plates meet is called a plate boundary. Plates can push into each other, pull apart or slide against each other. These movements can create mountains, volcanoes and earthquakes.</li> <li>Describe how a significant geographical activity has changed a landscape in the short or long term.</li> <li>Describe the activity of plate tectonics and how this has changed the Earth's surface over time (continental drift).</li> </ul>	erosion, deposition and transportation.  • Explain how the physical processes of a river, sea or ocean have changed a landscape over time.	sizes and these can be ranked according to their population and the level of services available. A settlement hierarchy includes hamlet,	leisure. It has had an environmental, social		