



Geography Knowledge



Unit Name	Year 3	Key Vocab
Knowing Me, Knowing You	Fieldwork: Think Like a Geographer Know how to use simple fieldwork and observational skills to study the geography of their school and its grounds Know how to follow an aerial view map Know how to locate aspects using aerial views	Bird's eye view Aerial view Fieldwork maps
Rock Bottom	Natural resources: Know what minerals are and where they are found and be able to name minerals Know that some minerals help keep us healthy and identify at least one example such as calcium or iron Know which countries produce minerals and how certain minerals such as iron, copper and gold are distributed across the world	Distribution Minerals Resources Depletion
Egypt	Locational Knowledge: Know where the northern, southern hemisphere and equator are located on map. Begin to understand the significance of these locations. Know the continents of the world and some of the countries they include Know which continent Egypt is in Know where Egypt is Know surrounding countries and seas Know how to use maps to find this information Begin to understand that maps can help to identify other features such as mountains and rivers Know how to use coordinates and atlases to locate features on maps Place Knowledge Know how to compare countries based on key features such as everyday life; festivals and celebrations; landmarks, housing and transport; climate and landscape - compare vs UK. London vs Cairo Human and Physical Geography Know about the river Nile Know where it begins, the countries it flows through and where it ends Know how it affects residents of surrounding areas and contributes to the land use and Think like a Geographer: Know how photos can provide useful evidence and locate position of photo on a map (pyramids, Howard Carter tomb) Know how to sketch plans of the tomb of Tutankhamun based on photographic evidence	Northern hemisphere Southern hemisphere Coordinates Features Climate Physical geography Human geography Continent equator
May the Force be With You	Fieldwork: Know what a compass is, how it works and how it is used Begin to know how to use compass points Know how to create own compasses using magnetic force. Know how to own compasses to locate key aspects around the school	Compass North South East West Magnetic force
It's a Small World	Wider to smaller... Locational Knowledge: Using maps:	Europe United Kingdom Great Britain

	<p>Know the continents of the world and the some of the countries they included</p> <p>Know the main seas of the world and where they are: Pacific; Atlantic; Indian; Arctic</p> <p>Know how to use maps to locate the above aspects</p> <p>Know where Europe is</p> <p>Know some countries inside Europe</p> <p>Know where the UK is in the world</p> <p>Know what seas surround the UK</p> <p>Know the countries that make up the UK and their capital cities</p> <p>Know what cities are</p> <p>Know where other key cities are within the UK; Manchester; Liverpool; Sheffield; Birmingham; Leeds; Glasgow; Newcastle; Southampton and those specific to the class. Identify key Landmarks</p> <p>Know where we are on maps (Broadstairs) .</p> <p>Begin to know what counties are and know where Kent is</p> <p>Begin to know what 'topographical features' are and how these are represented on maps. With support, identify topographical features of the UK including main mountains and rivers</p>	<p>Cities</p> <p>Counties</p> <p>Topographical features</p>
<p>Healthy Humans</p>	<p>Outdoor Fieldwork Unit:</p> <p>Keeping Healthy - orienteering</p> <p>Know how to use a map for a purpose (orienteering)</p> <p>Know how to use 4 compass points to follow and give directions</p> <p>Know why a map key is needed</p> <p>Know how to use a key on a map</p> <p>Know how to use letter/ number co-ordinates on a map</p> <p>Orienteering challenge using a map with letter/number coordinates</p>	<p>Orienteering</p> <p>Map reference</p> <p>Destination</p> <p>Location</p>
	<p>Year 4</p>	
<p>Magnificent Mountains and Raging Rivers</p>	<p>Physical Geography:</p> <p><i>describe and understand key aspects of physical geography, such as mountains and rivers:</i></p> <p>Know what a mountain is</p> <p>Know how mountains are formed</p> <p>Know where some of the largest mountains ranges in the world are</p> <p>Know how rivers begin</p> <p>Know about the processes of the water cycle water cycle</p> <p>Know how rivers make a path through land</p> <p>Know how to use maps to locate mountains and rivers</p> <p>Know how to use coordinates to locate features on maps within atlases</p> <p>Know the differing parts aspects of a river</p> <p>Know about key rivers across the world</p> <p>Know about Key rivers in the UK</p> <p>Know how plastic is polluting rivers</p> <p>Know what the Wantsum Channel is and why it's important to Thanet.</p> <p>Locational Knowledge</p> <p>Know how to use maps to locate mountains and rivers</p> <p>Know how to use coordinates to locate features on maps within atlases</p>	<p>Water cycle</p> <p>Evaporation</p> <p>Condensation</p> <p>Precipitation</p> <p>Processes</p> <p>Mountain range</p> <p>meanders</p> <p>mouth</p> <p>valleys</p> <p>gorges</p> <p>canyons</p> <p>spring</p> <p>erode</p> <p>tributary</p> <p>current</p> <p>rapids</p>

Our Planet	Physical Geography: <i>describe and understand key aspects of physical geography, such as volcanoes and earthquakes:</i> Know about the structure of the earth Know about the structure of a volcano Know where volcanoes are around the world Know what we mean by tectonic plates Know the features of a volcanic eruption Know why people would choose to live near volcanoes Know about famous volcanic eruptions Know what causes earthquakes Know about features of an earthquake Know about some of the world's biggest earthquakes	Eruption Magnitude Debris Epicentre Magma Crater Dormant Active
Light it Up	Locational Knowledge: identify features of an aerial photograph Human Geography: Use maps to locate areas with high levels of light pollution Know how light pollution is caused Know the impact of light pollution	Pollution light pollution high intensity aerial photograph
The Greece	Locational Knowledge: Know where Europe is Know where Greece is Know capital city and major cities Know surrounding countries and seas Human and Physical Geography: Know about the physical geography of the country Know about the weather and climate Know about key landmarks Know about land use in Greece Know the main exports of Greece Place Knowledge: Know the similarities and differences between Greece and the UK	Bordering Physical geography Human geography Climate Weather Transport Exports
The Romans	Locational Knowledge: Identify northern, southern hemisphere and equator locate on map. Know and understand the significance of these locations Know where Europe is Know where Italy is Know key cities Know about the physical geography of the country Know how far the Roman Empire extended at its peak and the countries this involved	Empire Britannia Hispania Gaul Territory
Beautiful Broadstairs	Locational Knowledge: Know the countries that make up the UK Know the seas surrounding the UK Know major cities of the UK Know where the UK is in the world	Land-use patterns Human features Physical features

	<p>Know that England is split into counties Know what counties are and identify some counties Know where Kent is and that we live in Kent Know where Thanet within Kent Know the towns that make up Thanet Know Where Broadstairs is Know where some landmarks are within Broadstairs using a Broadstairs map Use a map to locate areas of interest Human and Physical Geography: Know about the Physical Geography of Broadstairs Know what a coast is and how coasts are formed Know what topographical features are Know about the topographical features of the local area Know what migrants are and what refugees are Know that Broadstairs has been a landing place for migrants and refugees for a number of years. Fieldwork : In Thanet Know how land is used within Thanet Know how land is used in Broadstairs Know how to create own sketch maps Know how to use digital technology to record features of land-use Begin to know how to use 8 compass points to find out way to key areas</p>	<p>Digital technology Coast Coastal line</p>
	Year 5	
Changes	<p>Changing Resources! Human Geography: Know what we mean by renewable and non renewable energy. Know sources of renewable and non-renewable energy Know where the UK gets its gas; electricity and oil from Know what the term fossil fuels means Know which countries have energy have sources of energy Understand how countries get their energy Know that we have one of the world's largest windfarms as part of our community Know how electricity is created (precursor for y6) <u>Locational knowledge</u> Know how to use index and contents page in atlas to locate countries</p>	<p>Distribution resources Natural resources Depletion Index Contents Locate</p>
China	<p>China! Locational Knowledge: Where is China in the world; Know it's capital city and about its megacities Know the seas and bordering countries Know that China is the most populous country in the world and what this means Know about Key landmarks; Know about the climate; Know about types of transport in China</p>	<p>Interaction and interdependence Economy Trade Megacities Populous Fossil Fuels</p>

	<p>Know how to use atlases to locate environmental regions</p> <p>Know how to create own maps</p> <p>Human/Physical Geography:</p> <p>Know how human and physical geography can interact</p> <p>Know about the interaction between human and physical geography ; Yangtze river and 3 Gorges Dam -hydroelectric power</p> <p>Know about the great wall of China</p> <p>Trade:</p> <p>Know what we mean by trade</p> <p>Know where products we use come from</p> <p>Know what is fair trade</p> <p>Know what we mean by supply chains</p> <p>Know what UK's biggest exports are and how the UK trades</p> <p>Know what worldwide largest exports are</p> <p>Know how China trades and the impact on the economy</p> <p>Place Knowledge:</p> <p>Know what is it like for a child living in a Chinese city vs a child in the UK</p>	Hydroelectric
Invaders and Settlers	<p>Settlements!</p> <p>Know where raiders came from - identify their countries on maps and determine the scale and therefore distance they travelled</p> <p>Human Geography:</p> <p>Know about the types of settlement and land use: comparing Viking and Anglo-Saxon settlements to modern day settlements and land use</p>	<p>Arctic circle</p> <p>Antarctic circle</p> <p>Land use</p> <p>Settlement</p> <p>Modern position</p>
The Maya	<p>Locational Knowledge:</p> <p>Know where the Maya live</p> <p>Locate North and South America including countries, oceans, cities, physical and human characteristics and environmental regions</p> <p>Place Knowledge:</p> <p>Know about geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom and a region within South America</p> <p>Know how to use atlases to support this work to find out about other features of places as well as location e.g. wettest part of the world and compare to the areas studied</p> <p>Geographical Skills:</p> <p>Know how to use 8 compass points</p> <p>Begin to know how to use 4 figure coordinates to locate features on a map linked to Maya areas of population</p>	<p>The additional compass points e.g. NW; NE; SE; SW</p> <p>Compare Region</p> <p>Chichen Itza City State</p>
Earth and Space	<p>Views from Space !</p> <p>Locational Knowledge:</p> <p>Know about the importance and significance of the Arctic and Antarctic circle.</p> <p>Locate the world's countries from space</p> <p>Know about the different time zones including day and night.</p> <p>Know the position and significance of lines of longitude & latitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn and Prime Greenwich Meridian</p> <p>Geographical Skills:</p> <p>Know how to use digital technology to locate countries and describe features</p> <p>Know how to locate aspects using aerial views</p> <p>Know how to use digital technology to locate climate zones.</p> <p>Know how Aerial Views can help use identify the topographical features of land</p>	<p>Longitude</p> <p>Latitude</p> <p>Tropic of Cancer</p> <p>Tropic of Capricorn</p> <p>GPS</p> <p>Climate Zones</p>

	Physical Geography: Know what climate zones are; where they are and why they are important	
Walk on the Wild Side	Habitat Destruction! Locational Knowledge: Know the Countries and areas within where animal habitats are being destroyed and the be able to locate these on maps Human and Physical Geography: Know about deforestation and land use, linked especially to areas where animal habitats are being destroyed. Know about the destruction of the rainforests and why this is an important issue know what vegetation belts are and where they are found -what type of animals live there Know how they are linked to climate zones Know how human impact is reducing animal population Fieldwork: Think Like a Geographer Know how to use fieldwork to observe, measure, record and present the land-use features related to animal life in the local area -determine this prior Know how to draw sketch maps using sketch maps. Know how to use photos or video to record to aid accurate recording	Deforestation Vegetation belts Sketch maps Human impact Land-use features
Year 6		
Fun at the Fair	Fieldwork: Think Like a Geographer Know how to develop questions to gain information Know how to interview to obtain information Know how to use graphs to display this data Know about tourism in the local area and things that impact upon this interview about the local area and tourism Know how to use the 8 points of a compass and 6 figure grid references, symbols and keys to navigate	6 figure grid reference Tourism Navigate Local impact
Changing World	Geographical Skills: Know how to identify the position of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn and the significance of these Recognising the world map as flattened globe. Physical Geography: Locating and understanding about biomes and vegetation belts Know what a vegetation belt is Know the characteristics of differing vegetation belts Know what type of life they support Know where key vegetation belts are in the world Know what a biome is Know about the differing types of biomes and the life they support Know where differing biomes are in the world <u>Change Over Time</u> Human Geography: Know have land-use patterns changed over time. The UK; Thanet and Broadstairs Geographical Skills: Know how to create sketches to show in as to how areas have changed over time in relation to their physical and human geography Human Geography: Know about the distribution of natural resources - water - and how this can change over time (depletion)	Biomes Vegetation belts Flattened Globe OS Symbols OS Maps Evolving Land-use pattern

	<p>Think like a Geographer : Climate Change</p> <p>Know about the theory of global warming and climate change know about the evidence linked to this and conflicting opinion. know how to derive conclusions from evidence <i>Link sources and work out how conclusions were arrived at</i> know what governments are doing to address this</p>	
<p>We'll Meet Again</p>	<p>Locational skills</p> <p>Know how to find key countries around the world using Atlases (Allies and Axis) , their capital cities and populations Know how to atlases to identify their environmental regions and key human and physical characteristics inc. capital cities.</p> <p>Human Geography:</p> <p>Know about the distribution of natural resources - food - and how this can change over time (depletion)</p> <p>Geographical Skills:</p> <p>Know how to use OS symbols Know key OS map symbols Know what topographical features mean Know what relief means Know how we can identify topographical features and relief using maps</p>	<p>Environmental regions</p> <p>Physical characteristics</p> <p>Topographical features</p> <p>Relief contours</p>
<p>Born this Way</p>	<p>County Lines!</p> <p>Know that the UK is split into countries and counties Know some of the counties within the UK</p> <p>Know how to use maps of the UK - both paper and digital -to locate these Know what is meant by 'County lines' Know how to locate the borders of counties</p> <p>You are the Drug Police:</p> <p>Know how to use maps to investigate the distribution of illegal drugs globally and locally Know how much travel time is needed via rail to reach key cities from Broadstairs Know how the local authorities detect and prevent the import of drugs</p> <p>Locational Skills:</p> <p>Use maps to locate countries of the world that struggle with illegal drugs and understand the issues involved.</p> <p>Think like a Geographer:</p> <p>Use data to answer key question; graph results determine any link between county lines arrests and months of the year, for example, or areas of the country.</p>	<p>County Lines</p> <p>Rail network</p> <p>Smuggling</p> <p>County borders</p> <p>Local authorities</p> <p>Importing areas</p>
<p>Moving on Up</p>	<p>Secondary-ready - Transition Unit - focus determined by secondary schools</p> <p>Place Knowledge:</p> <p>Comparing human and physical Geography of the UK, a country in Europe and a Country in S. America Know about the Physical Geography of the UK Know how to draw maps representing this Extended study</p>	