Ghyllgrove Geography Curriculum

Key Geographical Knowledge from each theme Key Stage 2

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| **Aspect** | **Knowledge** |
| **Places – Essex****Year 4**  | * To know where Essex is with the UK
* To know the main physical features of Essex
* To know where the main towns and cities are
* To know how land is used in Essex
* To explore a local environmental issue
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| **Places – A contrasting European locality-** **Greek island** **Year 5**  | * To understand the physical and human features of the contrasting locality
* To be able to identify similarities and differences between their own locality and that of a Greek Island
* To understand how the physical geography can attract tourism
* To understand how tourism can affect physical geography
* To know how tourism affects the local economy
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| **Places – A contrasting locality – The Amazon Rainforest****Year 6**  | * To understand what rainforests are and where they are
* To understand the climate of the rainforest
* To know about the four layers of a rainforest (emergent, canopy, understory and forest floor)
* To know the flora and fauna of a rainforest
* To know about who lives in rainforests and how they sometimes need to be protected
* To know how humans use the rainforest
* To understands the reasons for and the affects of deforestation
* To know how they can have an impact on the geography far away
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| **Physical geography – Mountains and Rivers****Year 5**  | * To know how mountains, rivers, valleys and hills are formed and link
* Know where major mountains and rivers are in the world
* To know the main features of a mountain
* To understand the effects of mountains on climate and climate on mountains
* To know the parts of a river
* To understand inputs and outputs of a river system
* To understand the processes of erosion and deposition
* To understand how rivers affect human geography
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| **Physical geography – Climate****Year 6**  | * To know the difference between weather and climate
* To understand different climate zones and where they
* To know a range of extreme weather phenomena and the effect these have
* To know reasons for and consequences of climate change
* To know possible solutions for climate change
* To Know about biomes and link to climate
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| **Physical geography – Volcanoes and earthquakes****Year 3** | * To understand what volcanoes are and the causes of volcanoes
* To understand patterns of volcanic activity
* To understand human and physical consequences of volcanoes and earthquakes
* To understand how an earthquake is caused
* To know about tectonic plates
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| **Physical and human geography – Water****Year 4**  | * To know that water is a resource
* To know how we manage, clean and distribute water
* To understand why sometimes people don’t have enough water
* To know ways to save water and be able to communicate these
* To understand the Water Cycle
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| **Human geography – Minerals and Mining****Year 3**  | * To understand why humans need minerals
* To know where minerals are obtained
* To know how minerals are mined and processed
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| **Human geography – settlements and land use****Year 4**  | * To understand what a settlement is
* To understand the differences between a hamlet, village, town and city
* To know the services and features of the different types of settlements
* To know the difference between rural, urban and suburban
* To know the different ways land can be used
* To identify how land is used in urban and rural settings
* To know that land use is linked to human needs
* To understand that changes in land use is mostly linked to human needs
* To give geographical reasons for and against living in a location
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| **Human geography – Energy****Year 6** | * To know why we need energy
* To know the different sources of energy and how common they are
* To understand the processes involved in moving energy from “source to socket”
* To know the differences between renewable and non-renewable energy
* To know the environmental and human impact of different forms of energy
* To understand the concept of sustainability
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| **Human geography – Food and Farming****Year 3**  | * To know the three different types of farming (arable, pastoral and mixed)
* To understand the process of “farm to fork” for various products
* To know different methods of farming such as organic, free range and intensive and the effect that has
* To know that climate affects what can be grown in different places
* To understand that some foods have to be transported and the impact this has (food miles)
* To know about eating seasonal food and how this can reduce food miles
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| **Human geography – Trade****Year 5**  | * To know about imports, exports and global trade
* To know the differences between raw materials and products and that these can come from different places
* To know what a supply chain is
* To understand the Fairtrade movement and why some people choose Fairtrade products
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