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 |
| **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 |
| **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 |
| **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 |
| **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 |
| **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 |
| **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 |
| **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 |
| **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 |
| **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 |
| **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 |
| **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 |