**Physical Geography Key Words**

**Plate Tectonics**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Crust | Mantle (1000) | Core (5000) | Plates | Continental drift |
| Convection Currents | Fold Mountains | Earthquakes | Focus | Plate tectonics |
| Eurasian Plate | American Plate | Nazca Plate | S American Plate | San Andres Fault Line |
| Natural disaster | Japan Tsunami | Mercalli Scale | Focus | Shock Waves |
| Seismic Waves | Seismograph | Richter Scale | Epicenter | Volcanoes |
| Magma | Lava | Vent | Crater | Cone |
| Mid Ocean Ridge | Iceland | Active | Dormant | Extinct |
| Magma chamber | Tourism | Gysers | Fertile soil | New land |
| Sulphur dioxide | Acid rain | lahar | death | Mt St Helens |
| Collision | Buckle | Andes | Nazca | S American |
| Anticline | Syncline | Amorican | Alpine |  |

**Rocks**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Igneous | Sedimentary | Metamorphic | Basalt | Granite |
| Sandstone | Limestone | Shale | Marble | Quartzite |
| strata | Joints | Bedding plane | Burren | Giants causeway |
| Errigal | Quarry | Mine | Fossil fuel | Resource |

**Weathering and The Burren**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Denudation | Weathering | Physical | Chemical | Carbonation |
| Erosion | Scree | Freeze thaw action  | Permeable | Oxidation |
| Karst | Clint | Grike | Swallow hole | Stalactite |
| Calcium carbonate | Cave | Marble arch caves | Bedding Plane | Joints |
| Strata | Mullaghmore | Burren |  |  |

**Mass Movement**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Mass Movement | Regolith | Lack of Vegetation | Water Content | Gradient (Slope) |
| Human Activity | Soil creep | Terracettes | Landslide | Undercut |
| Bogburst | Mudflow | Nevado del Ruiz | Lahar | Avalanche |

**Rivers**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Watershed | Drainage Basin | Source | Tributaries | Course |
| Confluence | Estuary | Delta | Mouth | Distributaries |
| Load | Erosion  | Transportation | Deposition | Hydraulic action |
| Abrasion | Attrition | Solution | Suspended | Bounced (Saltation) |
| Rolled (Traction) | Youthful stage | Mature Stage | Old stage | V- shape valley |
| Interlocking spurs | Vertical Erosion | Waterfall | Plunge Pool | Flood Plain |
| Alluvium | Meander | Ox Bow lake | Levee | Delta |
| Flooding | Dams | Reservoir | H.E.P. |  |

**Glaciers**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Plucking | Abrasion | Cirque (Corrie) | Tarn | Pyramidal Peak |
| Arête | Hanging Valley | Ribbon Lake | Fiords | Moraine |
| Lateral Moraine | Medial Moraine | Terminal Moraine | Boulder Clay | Drumlin |
| Esker |  Erratic | Outwash Plain | Glendalough |  Clew Bay |

**Coasts**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Hydraulic Action | Abrasion | Compression | Solution | Attrition |
| Constructive Wave | Destructive | Bay | Headland | Cliff |
| Wave cut Platform | Wave Built terrace | Notch | Cliffs of Moher | Cave |
| Arch | Stack | Stump | Swash | Backwash |
| Longshore drift | Sandspit | Sandbar | Lagoon | Tombolo |
| Beach | Groynes | Sea wall | Marram Grass | Gabions |