**Physical landscapes in the UK**

|  | Revision 1 | http://images.clipartof.com/thumbnails/70561-Royalty-Free-RF-Clipart-Illustration-Of-A-Digital-Collage-Of-Nine-Black-And-White-Faces.jpg | http://images.clipartof.com/thumbnails/70561-Royalty-Free-RF-Clipart-Illustration-Of-A-Digital-Collage-Of-Nine-Black-And-White-Faces.jpg | http://images.clipartof.com/thumbnails/70561-Royalty-Free-RF-Clipart-Illustration-Of-A-Digital-Collage-Of-Nine-Black-And-White-Faces.jpg | Revision 2 |
| --- | --- | --- | --- | --- | --- |
| I can describe the location of the major upland and lowland areas within the UK |  |  |  |  |  |
| I can describe the location of the major river systems within the UK |  |  |  |  |  |
| Coastal landscapes of the UK |  |  |  |  |  |
| I can define what the coast is |  |  |  |  |  |
| I can describe and explain the different types of **waves** |  |  |  |  |  |
| I can name and explain the four processes of **erosion** |  |  |  |  |  |
| I can name and explain the processes of **weathering** |  |  |  |  |  |
| I can name and explain the processes of **mass movement** |  |  |  |  |  |
| I can describe **erosional landforms** and the sequence of (arch, caves, stacks, stump, wave cut platforms, wave cut notch) are formed. |  |  |  |  |  |
| I can describe and explain the process of **mass movement** and **slumping** **(Cliff collapse)** |  |  |  |  |  |
| I can explain, using an example, how **erosion** and **deposition** will impact on the people and the environment at the coast. **(Swanage)** |  |  |  |  |  |
| I can describe the processes of **transportation** in the coastal zone. (Longshore drift and traction, saltation, suspension and solution) |  |  |  |  |  |
| I can explain the reasons why sediment is **deposited** on the coast. |  |  |  |  |  |
| I can explain how **depositional landforms** (beaches, spit and bars) are formed. |  |  |  |  |  |
| I can describe and explain methods of **hard** and **soft** **engineering** using an example. **(Lyme Regis)** |  |  |  |  |  |
| I can evaluate the cost and benefits of **hard** and **soft engineering** using an example. **(Lyme Regis)** |  |  |  |  |  |
| I can explain why people have different views about the way the coast in managed and the conflicts this may cause using an example. **(Lyme Regis)** |  |  |  |  |  |
| I can identify on an OS map all of the coastal landforms and use 4 & 6 fig grid references to locate them on a map |  |  |  |  |  |
| River landscapes of the UK |  |  |  |  |  |
| I can describe how a rivers **long profile** and **cross profile** varies over its course |  |  |  |  |  |
| I can explain how **vertical** and **lateral** erosion changes the cross profile of a river |  |  |  |  |  |
| I can explain the four process of **erosion** |  |  |  |  |  |
| I can describe the four processes of **transportation** in a river |  |  |  |  |  |
| I can explain the reasons why a river **deposits** its eroded material |  |  |  |  |  |
| I can explain how **interlocking spurs,** **waterfalls** & **gorges** are formed |  |  |  |  |  |
| I can explain that **meanders** are formed by erosion & deposition |  |  |  |  |  |
| I can describe an **Ox Bow lake** and explain how they form from meanders |  |  |  |  |  |
| I can explain how a **flood plain**, levee and estuaries are formed |  |  |  |  |  |
| I can use an example of a river valley to demonstrate my understanding of the erosional and depositional landforms **(River Tees / High force waterfall)** |  |  |  |  |  |
| I can explain how physical and human factors affect the risk of flooding including precipitation, geology, relief and land use. |  |  |  |  |  |
| I can explain what river **discharge** means & how it is shown on a **hydrograph** |  |  |  |  |  |
| I can explain at least 4 **factors** (things!) that will either **increase or decrease** river discharge |  |  |  |  |  |
| I can explain how **hard** **engineering** can reduce the risk of flooding or the effects of flooding |  |  |  |  |  |
| I can explain how **soft** **engineering** can reduce the risk of flooding or the effects of flooding |  |  |  |  |  |
| Using an example (**Bambury)**  I can explain   1. Why the scheme was required 2. How the area was managed 3. The social, environmental and economic issues. |  |  |  |  |  |
| I can identify on an OS map all of the river landforms and use 4 & 6 fig grid references to locate them on a map. |  |  |  |  |  |