|  |  |  |  |
| --- | --- | --- | --- |
| **Lesson #** | **Title of lesson** | **Tasks** | **Resources** |
|  | Changes in rivers and their valleys | Read page 114-115.  Complete questions 1 and 2.  Practice question.  Extension: Stretch yourself task. | Textbook pages 114-115. |
|  | Fluvial (river) processes | Watch the first video clip.  Read page 116.  Define lateral and vertical erosion.  Complete questions 1 and 2  Watch the second video clip.  Read page 117. Complete questions 3 and 4.  Extension: Practice question. | Textbook pages 116-117  <https://timeforgeography.co.uk/videos_list/rivers/river-erosion-processes/>  <https://timeforgeography.co.uk/videos_list/rivers/river-transport-processes/> |
|  | River erosion landforms | Read page 118.  Make notes on Interlocking spurs.  Also define tributary and V-shaped valley.  Read page 119.  Watch the first video clip.  Complete question 2 and 3.  Extension: Watch video clip 2 and make notes on potholes. | Textbook pages 118-119.  <https://timeforgeography.co.uk/videos_list/rivers/formation-waterfall-gorge/>  <https://timeforgeography.co.uk/videos_list/rivers/formation-of-potholes/> |
|  | River erosion and deposition landforms | Read pages 120.  Watch video clip.  Complete questions 1 and 2.  Make notes on the formation of riffles and pools.  Read page 212.  Make notes on floodplains and levees.  Draw a diagram explaining how levees are formed.  Make notes on estuaries.  Extension: Stetch yourself. | Pages 120-121 in the textbook.  <https://timeforgeography.co.uk/videos_list/rivers/floodplains/> |
|  | River landforms on the River Tees | Watch the Youtube video. It is a journey down the River Tees from source to mouth.  Read pages 122-123.  Complete Questions 1, 2 and 3. | Pages 122-123 in the textbook.  <https://www.youtube.com/watch?v=8LCrhihbsOc> |
|  | Factors increasing flood risk | Read pages 124-125.  Make notes on physical and human factors that cause flooding.  Explain what a hydrograph is and the two characteristic shapes (page 125).  Complete questions 1, 2, 3 and 4.  Extension: Practice question. | Pages 124-125 in the textbook. |
|  | Managing floods – hard engineering | Read pages 126-127 in the textbook.  Watch video clip.  Define hard engineering.  What are costs and benefits?  Make notes on.   1. Dams and reservoirs. 2. Channel straightening. 3. Embankments (mention dredging). 4. Flood relief channels.   Complete questions 1, 2 and 3.  Extension: Find evidence of these schemes in the local area. | Pages 126-127 in the textbook.  <https://timeforgeography.co.uk/videos_list/rivers/river-management-hard-engineering/>  The dam in the video is also in the textbook.  You can also make a note on dredging (link to embankments). |
|  | Managing floods – soft engineering | Read pages 128 in the textbook.  Watch the video clip.  Define soft engineering.  Make notes on.   1. Afforestation (mention peat bogs from the video as well). 2. Wetlands and flood storage. 3. Floodplain zoning. 4. River restoration.   Complete questions 2 and 3 on page 129.  Read page 129.  Make notes on flood preparation.  Extension: Find out about the reintroduction of beavers into the UK. Why will this help protect from flooding? | Pages 128-129 in the textbook.  <https://timeforgeography.co.uk/videos_list/rivers/problems-hard-engineering-and-softer-alternatives/>  Flood storage areas are called flood overflow basins in the video. |
|  | Managing floods at Banbury | Read pages 130-131.  Watch the video clip.  Complete questions 1, 2 and 3.  Extension: Practice question. | Pages 130-131 in the textbook.  <https://www.youtube.com/watch?v=c1ZpmItlvkQ> |