

High Tunstall College of Science Curriculum Intent

Subject: Geography Year: 7 Half term: 3

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| **Unit: Natural Planet - Rivers** | **Progress** | | |
| **Key ideas** | **R** | **A** | **G** |
| Major rivers of the world |  |  |  |
| Rivers as part of the water cycle |  |  |  |
| The long profile of a river – how a river and the surrounding landscape change from source to mouth |  |  |  |
| The formation of waterfalls and gorges |  |  |  |
| Rivers and flooding. |  |  |  |
| How rivers can be managed; The Hoover Dam |  |  |  |
| Independent study of a river |  |  |  |

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| **Lesson** | **Learning Focus** | **Assessment** | **Key Words** |
| **1** | What do we already know about rivers?  Where are the world’s longest rivers? | Formative questioning, Summative test, Triple Challenge, Regular Recall, ILOs. | River. |
| **2** | Rivers are an important part of the water cycle. | Formative questioning, Summative test, Triple Challenge, Regular Recall, ILOs. | Accumulation, Condensation, Evaporation, Precipitation, Transpiration, Surface run-off, subsurface run-off. |
| **3** | To identify the meaning of the term 'River Profile'  To be able to describe how a river changes from source  to mouth and identify features found in its upper, middle and lower course. | Formative questioning, Summative test, Triple Challenge, Regular Recall, ILOs. | Long Profile, Source, Mouth, Upper Course, Middle Course, Lower Course. |
| **4** | To review the **characteristics** of the **upper course** of a river where waterfalls are created  To be able to name and describe a **waterfall**  To be able to explain how a **waterfall** is formed | Formative questioning, Summative test, Triple Challenge, Regular Recall, ILOs. | Interlocking Spurs, Waterfall, Gorge, Plunge Pool, Erosion, Undercutting. |
| **5** | To review the **characteristics** of the **middle and lower course** of a river where meanders and ox-bow lakes are formed  To be able to name and describe a **meander**  To be able to explain how an **ox-bow lake** is formed | Formative questioning, Summative test, Triple Challenge, Regular Recall, ILOs. | Meander, Ox-bow Lake, Flood Plain, Erosion, Deposition. |
| **6** | To be able to name and describe the causes and effects of flooding in Boscastle in Cornwall  To be able to explain how the chain of physical and human events in Boscastle lead to disaster | Formative questioning, Summative test, Regular Recall, ILOs. | Flood, Discharge. |
| **7** | To identify the **location** of the **Hoover Dam**  To look at the **development** of the **Hoover Dam** and its **impact** on **people,** the **economy** and the **environment** | Formative questioning, Summative test, Regular Recall, ILOs. | Dam, HEP (Hydro-electric Power). |
| **8** | To complete **independent research**  To **investigate** the **changes** along a **named river** from **source to mouth** | Formative questioning, Summative test, Triple Challenge, Regular Recall, ILOs. | See above. |