**Curriculum Overview for Geography**

**Year 10**

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| **Half Term 1&2: River Landscapes**  **Substantive Knowledge:**  Climate  Erosion  Weathering  Flooding  Flood Management  Fieldwork Techniques  Flood hydrographs  **Disciplinary Knowledge:**  Literacy skills  Analytical\explanation skills  Reading comprehension  Evaluating  Data presentation  Analysis of data  Map skills  Interpretation of maps/sources | Books | * How water takes different routes to the river after falling as precipitation. How some factors create flashy hydrographs and lead to flooding. Advantages and disadvantages of flood defences. Hard and soft engineering * New skills in planning and conducting fieldwork * Numeracy skills in mean, median and mode, upper and lower quartile, interquartile range. * Graph drawing skills practiced – cross sections, dispersion graphs, box plots, scatter graphs   **Book Recommendation:**  Unruly Waters, Suni Amrith |
| Speech | Precipitation  infiltration  Surface runoff  Hard engineering  Soft engineering  Embankment  Interception  Permeable  Impermeable  Porous  Saturated  Flood relief channel  Flash flood  Lag time  Ground water flow  Hydrograph  Throughflow  River restoration  Flood plain zoning |
| Checklist RTL | Fieldwork Project – Does Braddhaw’s Model fit with Carding Mill Valley? |
| Home | * Microsoft forms * Revision mats * Dictionaries * Quiziz   \*Set weekly |