







Curriculum Overview for Geography Year 10

<p>Half Term 1&2: River Landscapes</p> <p>Substantive Knowledge: Climate Erosion Weathering Flooding Flood Management Fieldwork Techniques Flood hydrographs</p> <p>Disciplinary Knowledge: Literacy skills Analytical\explanation skills Reading comprehension Evaluating Data presentation Analysis of data Map skills Interpretation of maps/sources</p>		<ul style="list-style-type: none"> • 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 <p>Book Recommendation: Unruly Waters, Suni Amrith</p>
		<p>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</p>
		<p>Fieldwork Project – Does Braddhaw’s Model fit with Carding Mill Valley?</p>
		<ul style="list-style-type: none"> • Microsoft forms • Revision mats • Dictionaries • Quiz <p>*Set weekly</p>