

Mapping and Rivers PART 1: YEAR 4 GEOGRAPHY MEDIUM TERM PLAN (5 weeks work including residential)

At the end of this geography unit of work pupils will

Know: The 3 stages of a river, key features of a river and the journey of a local river (River Aire). What human and physical features are and be able to identify them during fieldwork and on maps. Use the eight points of the compass and use symbols and keys (including OS Maps).

Can do: sketch maps to record fieldwork observations, locate features and places using OS Map symbols and legends, explain the key features of a river.

Understand the vocabulary listed below – able to explain and discuss it without reading it from their geography folder.

Disciplinary knowledge: Annotated diagrams, tables of features, fieldwork sketches, using a map to locate and describe features, graphs (pupils are taught to draw with ruler, pencil and measuring their own tables in their book.)

Substantive: Knowledge and vocabulary of human and physical geography, rivers and maps.

The expectation is that ALL pupils can learn, explain and write coherently about the aspects below.

Trip and Visit: Stage 1 – trip to the River Aire at Kirkstall. Stage 2 – trip to Malham, including a stream study of Malham Beck (tributary to River Aire)

Reading of books at home and in school on rivers, teaching of how to use the glossary and contents.

Pupils will learn	Vocabulary pupils will learn	Writing using a genre/tables/diagrams	Fundamental principles and teaching techniques to ensure that work is of a high standard from all pupils
<p>Week 1 – 1 hour</p> <p><u>The stages of a river</u></p> <p>Know that a river is in three stages/courses.</p> <p>The River Aire is our local river.</p> <p>The upper course of the River Aire begins near Malham.</p> <p>The middle course runs through Leeds.</p> <p>The lower course is the River Ouse as it enters the sea at the Humber</p>	<p>source, upper course, middle course, lower course, narrow, shallow, fast, wider, deeper, slower, widest, deepest, slowest, tributary</p>	<p>Explain that a river is</p> <p>Use PPT/video to show the three stages of a river (upper, middle, lower).</p> <p>Explain the key features of the river at each stage – shallow, narrow, fast, etc.</p> <p>Use Google maps to show areas around different stages</p> <p>Use rope to create a river model (in playground to allow downhill) and place key terms/pictures in correct place</p> <p>Draw and label a diagram to show the journey of a river and key features</p>	<ul style="list-style-type: none"> • Clear expectations for listening – repeating and learning the information. Clear bite-size instruction and explanation from the teacher using parts of video’s where appropriate. • Behave from all pupils is exemplary and comments are made on sitting and listening. • Bite sized chunks of knowledge making time for repetition discussion and rehearsing in pairs. • Emphasis on learning and exploring key vocabulary. Repetition in oral WORK AND INSISTENCE THAT THE CORRECT TERMS ARE USED IN WRITING.

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		<ul style="list-style-type: none"> annotated diagram to show the key features of a river through the 3 stages (use RGS exemplars) drafted sentences explaining key features explain key features to a partner 	<ul style="list-style-type: none"> Drafting process for tables and writing Writing of date and modelling of key letters e.g. in January. Demonstration and insistence on high standards of construction and presentation
<p>Week 2: 1-2 hours</p> <p><u>Human and Physical Features/Maps</u></p> <p>Know the difference between physical features and human features of a landscape</p> <p>Know there are different types of maps</p> <p>Know that maps use symbols instead of words to represent features</p> <p>Recognise different physical and human features on a map</p>	<p>human feature, physical feature, map, symbol, legend</p>	<p>Use PPT to explain physical and human features.</p> <p>Sort photographs in groups to human and physical and explain why.</p> <p>Read text on maps and map symbols.</p> <p>introduce Ordnance Survey map and legend</p> <ul style="list-style-type: none"> write short paragraphs explaining human and physical features and maps/map symbols use legend to copy symbols for given features Use legend to find features on Kirkstall OS Map and Grassington OS Map 	<ul style="list-style-type: none"> Finger under words to copy words – insist accurate. The vocabulary is broken down into the weekly learning, it is revised and used in writing Pupils write their own vocabulary into their books putting their finger under the words to copy correctly. End products – handwriting and colouring is beautifully presented.
<p>Week 3: Rivers and maps FIELDWORK</p> <p>Use maps to locate locations</p> <p>Use observation and sketches to record erosion on the river</p> <p>Observe features of a river in its upper course – waterfall, erosion, bridges, rapids</p>	<p>waterfall, erosion, sediment, deposition, bridge, rapids</p>	<p>Use Google maps to locate Grassington. Use OS Maps to look at route we will be walking along River Wharfe. What might we see on route?</p> <p>Walk from Grassington to Burnsall along the River Wharfe with focus on:</p> <p>Linton Falls erosion of the river (sketch) suspension bridge/stepping stones Loup Scar</p>	

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<p>Week 4: 1 hour</p> <p><u>Erosion</u></p> <p>Know and be able to explain erosion</p>	<p>erosion, deposition, sediment, transportation, deep, shallow, slow, fast</p>	<p>Use diagrams from FIELDWORK and copy up erosion diagrams with annotations.</p> <p>Model on board and add keys vocabulary with chn given time to explain to each other.</p>	
<p>Week 5: 1 hour</p> <p><u>Where Are We?</u></p> <p>Know the eight points of the compass</p> <p>Know what a county is.</p> <p>Know that we live in the county of West Yorkshire which is made up of 5 districts – Leeds, Bradford, Kirklees, Calderdale, Wakefield</p> <p>Use maps to locate other rivers in West Yorkshire</p>	<p>compass, north, east, south, west, north-east, north-west, south-east, south-west, county, district, suburb</p>	<p>Use Google maps and county maps to locate districts in the county.</p> <ul style="list-style-type: none"> • label points of a compass • use county map to locate different places on the map (using compass point questions) • list other rivers in a table 	
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