



Geography: Year 8 Unit 3 – River landforms and processes

Number of weeks	Content of the unit	Assumed prior learning (tested at the beginning of the unit)	
13 lessons (8 weeks)	Where are the world's major rivers?	Basic vocabulary for describing the weather	
	How does the water cycle work?	Basic knowledge of the water cycle	
	What is a river basin?	An awareness of the link between cause and effect.	
	What are the different processes which take place in a river?		
	What are the different water bodies?		
	What are the different kinds of river features and where are they found?		
	How are waterfalls formed?		
	Are floodplains good farming?		
Assessment points and tasks	Written feedback points	Learning Outcomes (tested at the end and related to subject competences)	
<p>Mid-unit assessment – Model / poster making to describe river processes.</p> <p>End of unit assessment – Agree/disagree balanced argument essay about whether floodplains are good for farming or not.</p>	<ul style="list-style-type: none"> • After mid and end of unit assessments. • Every 4 lessons in books 	Explaining processes	I can identify features/sequences of processes and formations.
			I can identify advantages of processes and events.
			I can identify disadvantages of processes and events.
			I can describe the distribution of landforms, objects and events.
			I can describe the features of landforms, events and processes.
			I can describe the impacts of processes and events
			I can describe management strategies of events and processes.
			I can explain the formation of landforms and explain processes.
			I can explain the impacts of processes and events.
			I can explain the differences between landforms, processes and events.
			I can evaluate the impacts of processes and events.
			I can evaluate the management of processes and events.
			I can evaluate the impacts of processes and events on different stakeholders.
			I can evaluate the management of processes and events on different stakeholders.
		I can suggest new ways to manage a process or event.	
		Case studies	I can identify and give facts about an event or place
			I can identify and describe an issue facing a place
			I can apply a case study to describe causes, impacts and responses
			I can apply a case study to explain causes, impacts and responses
			I can explain how management can reduce the impacts of a problem / challenge.
I can explain different opinions towards an event or process.			
I can explain the justification for a particular management strategy.			
I can evaluate different opinions towards an event or process.			
I can evaluate the impacts of a process or event for different stakeholders.			
I can evaluate the sustainability of management choices and provide further suggestions.			



Lesson	Clear learning intentions	Clear success criteria	Hook	Presentation of content	Guided practice	Independent practice (homework)	Closure
1	Where are the world's major rivers? MAIN SKILL: How do I use an Atlas?	BTEOTL I will: Identify the names of the world's major rivers and label them on a map. Describe the location of one of the world's major rivers using country and place names. Describe the location of one of the world's major rivers using physical and human features and compass directions.	Introducing rivers worksheet using River Thames	PowerPoint Thames worksheet World Rivers worksheet	Activity 1: Complete world rivers map and worksheet. This will take a long time as pupils are learning to use an atlas. Different expectations and rivers for different groups	Learn the main world rivers for quick test	Groups to present findings on world rivers
2	How does the hydrological cycle work	BTEOTL I will: Define 'hydrological cycle' and describe its sequence Describe the stages of the hydrological cycle using key words from this unit. Explain how and why different things affect the speed of the hydrological cycle.	Code breaker on hydrological cycle HW Sheet	Raindrop Rob sheets Factors tables PowerPoint	Activity 1: Raindrop Rob storyboard and worksheets Activity 2: Factors table – how would each factor affect the hydrological cycle?	HW sheet on water cycle	Class discussion. How would each factor affect the hydrological cycle?



3	What is a river basin?	BTEOTL I will: Know what a river basin is Be able to identify the features of a river basin Be able to describe the journey of a river from its source to its mouth using key words Use an map to describe the journey of a real river.	Quick knowledge test on world rivers	Top to tail task PowerPoint Description writing frames	Activity 1: River Basin to to tail. Take feedback. Activity 2: Create your own annotated field sketch of a drainage basin Activity 3: Describe Raindrop Rob's journey through your drainage basin Activity 4: Describe the Yangtze drainage basin	None set	Take photos of descriptions Grade work www ebi
4	What are the processes which take place in a river?	BTEOL I will: Be able to define erosion, transportation and deposition Be able to describe the different types of erosion and transportation Be able to explain why the amount of erosion, transportation and deposition changes over a river's course	Photos of river landforms. What do you think created them? Class discussion.	Top to tail PowerPoint Problem solving sheets Word bank task	Activity 1: Top to tail definitions of erosion, transportation, deposition Activity 2: Course of the river. Where do the processes occur and in what order? Problem solving. Activity 3: Word bank task to describe and explain river processes	Learn key words and phrases off by heart	Mallets mallet on processes questions



5	What are the different bodies of water?	BTEOTL I will: Understand there are different bodies of water Be able to describe different bodies of water and find examples using an atlas Be able to compare and explain the differences between bodies of water	Top to tail: key words for bodies of water	Atlases PowerPoint Bodies of water tasks and writing frames	Activity 1: Bodies of water atlas task with differentiated writing frames. This will take a great deal of time due to continuing development of atlas skills.	Complete your www ebi on bodies or water OR pick the body of water that is the next level up and use google maps to complete tasks. Revise!	Groups report on their bodies of water. Www ebi
6	Mid Unit Test	To show off my knowledge and understanding	How do I answer describe Qs - structure	Mid Unit copies	Whole lesson, complete test	None	Take feedback on how pupils thought it went
7	Mid Unit Test Run through	To create www and ebi for myself	Review your test – each tell your partner what you think is a www and ebi	Mid Unit tests Mid Unit Markschemes	Whole lesson. Run through test. Puiils to grade their work with www and ebi and run through occurs	Complete your most important ebi	Class discussion: What are our most important ebi?
8	How are V shaped valleys formed?	BTEOL I will: Describe the features and location of a V-shaped valley Label a diagram to show how a v-shaped valley is formed? Describe how a v-shaped valley is formed, step by step Use key words e.g. erosion, weathering, gravity, transport in my answer	Images of V shaped valleys. Where is it on a river's course? What is your evidence?	PowerPoint Writing frames	Activity 1: Blindfold task. Pupils to be in pairs and describe the diagrams of a V shaped valleys to partners. Activity 2: Create your own annotated diagram of a V-shaped valley Activity 3: Description and explanation writing frame. How is a V-shaped valley formed?	None	Compare diagrams. Grade www and ebi



9	What happens on a riverbend?	<p>BTEOTL I will: Know the definition of a meander and an ox-bow lake and point them out on a picture or diagram. Describe what happens on a river bend, using a diagram. Describe step by step how an ox-bow lake is formed.</p>	<p>Spot the difference. Different meanders. Use as many key words as possible</p>	<p>PowerPoint Meander cross sections Card sorts Description writing frames</p>	<p>Activity 1: Meander cross sections top to tail and fill in blanks. Take feedback. Activity 2: Ox Box lake card sorts Activity 3: Ox Bow lakes description task with writing frames</p>	Revise	True or False point score activity
10	How are waterfalls formed?	<p>BTEOTL I will: Be able to identify where waterfalls occur in a river Describe how waterfalls are formed using geographical terms Explain why the position of a waterfall changes over time and processes that that facilitate the formation of a waterfall</p>	<p>Free writing task on waterfalls. Write all that you can. Review.</p>	<p>PowerPoint Waterfalls animation Waterfalls story board scaffold</p>	<p>Activity 1: Animation of waterfall formation. Pupils to watch twice and memorise for test. Test then hand out waterfalls storyboards. Activity 2: Pupils to create annotated storyboards of waterfall formation.</p>	Revise	Class to assess their storyboards and select which is best. Grade www ebi



11	Are floodplains good for farming?	BTEOTL I will: Identify the location of floodplains in a river. Describe the characteristics of a floodplain. Describe the advantages and disadvantages of farming on a floodplain. Evaluate whether or not floodplains are good for farming.	Flood plain images. Say what you see.	YouTube clip Advantages and Disadvantages info sheet Conclusion scaffolds	Activity 1: Floodplain YouTube clip. Draw and annotate field sketches of a typical floodplain. Activity 2: Advantages and disadvantages of farming the floodplain tables. Activity three: Reaching a judgement. Conclusion scaffolds and writing.	Revise	Take photos of conclusions and tables. Assess www and ebi.
12	Assessment	BTEOL I will: Be able to show off how great I am at Geography	How do I answer explain Qs...give me the structure	Exam Papers	Activity 1:P Pupils complete assessment	None set	Take feedback on how pupils thought it went
13	Assessment Run through	To create www and ebis for myself	Review your test – each tell your partner what you think is a www and ebi	Mid Unit tests Mid Unit Mark schemes	Whole lesson. Run through test. Pupils to grade their work with www and ebis and run through occurs	Complete your most important ebi	Class discussion: What are our most important ebis?