

Year 4 – Autumn – What is more precious water of gold?		Previous Learning		
<ul style="list-style-type: none"> physical geography, including: rivers and the water cycle use fieldwork to observe, measure, record and present the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies 		<ul style="list-style-type: none"> Year 2 – identified River Thames on a map ‘Was the great fire of London a total disaster?’ Year 3 looked at difference between a canal and a river 		
Objective and Success Criteria	Coverage	Key Questions	Children should be able to	Resources
To understand the process of the water cycle.	<ul style="list-style-type: none"> Look at the 4 main stages of the Water Cycle Discuss how it is a closed cycle but can take millions of years to complete Look at the different paths and places water can accumulate and evaporate from 	<ul style="list-style-type: none"> What are the main processes of the water cycle? Where might that drop of water have come from? How much water is there in the world? How much of it can we use? 	<ul style="list-style-type: none"> Explain the 4 main processes of the water cycle – evaporation, condensation, precipitation, accumulation 	<p>Espresso has some river resources</p> <p>Rivers – videos</p> <p>Rivers - info</p> <p>World map in Rainbow Room</p>
To identify key features of a river.	<ul style="list-style-type: none"> Look at the idea of a river flowing from source to mouth Follow the journey of a particular river looking at the channel size, meanders, waterfalls, erosion, transportation, deposition, floodplains and estuaries along the way. 	<ul style="list-style-type: none"> Where does this river start? Where does this river end? Which rivers have you heard of? What might the journey of this river look like? 	<ul style="list-style-type: none"> Discuss some of the main features of a river using technical vocabulary 	<p>The bazillions water cycle song</p>
To understand human impacts on a river <i>(context – Damns on the River Nile)</i>	<ul style="list-style-type: none"> Look at the building of the Aswan Dam in Egypt Look at how it benefited Egyptian life and economy Look at how is caused problems to the river downstream – no flooding, loss of nutrients Look at the Grand Ethiopian Renaissance Dam and how that will impact the Nile in Egypt Discuss the problems with a river running through multiple counties 	<ul style="list-style-type: none"> What problems has the damn caused? Why is the damn useful? Do you think it’s fair that Ethiopia are building a damn as well? 	<ul style="list-style-type: none"> Explain how a damn changes the flow of a river 	

To use fieldwork to observe physical features of a river	- Possible trip to the Gordon Brown Centre		-	
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Assessment Questions

What are the main features of a river?

Can you take me on a journey of a river?

How was the River Nile important to the Egyptians?