


Geography	Year 4
Focus: Rivers and the water cycle– linked to China	
Age related vocabulary	

<p>Water cycle</p> <p>the cycle of processes by which water circulates between the earth's oceans, atmosphere, and land, involving precipitation as rain and snow, drainage in streams and rivers, and return to the atmosphere by evaporation and transpiration</p>	<p>River course</p> <p>A river is divided up into three sections called courses. There is the upper, middle and a lower course. A river starts in the upper course, usually an elevated section of land such as a mountain area</p>	<p>Estuary</p> <p>the tidal mouth of a large river, where the tide meets the stream</p> 
<p>Pollution</p> <p>the presence in or introduction into the environment of a substance which has harmful or poisonous effects</p>	<p>Topography</p> <p>the arrangement of the natural and artificial physical features of an area</p>	

<p>Key Knowledge</p> <p>⇒ The main <u>river</u> of northern <u>China</u>, the Huang He (or Yellow River) is the second longest river in the country. Its source is in the Bayan Har Mountains in Tibet and it flows through Lanzhou, Yinchuan and Zhengzhou. It flows to the Bohai Sea.</p> <p>⇒ The river Thames is the second largest river in the UK. Its source is in Gloucestershire and runs through the Cotswolds, Oxford, Reading and London. It flows to the North Sea.</p> <p>⇒ Over a long period of time rivers create valleys, or gorges and canyons if the river is strong enough to erode rock. They take the sediment (bits of soil and rock) and carry it along with them</p> <p>⇒ Rivers are important for wildlife, irrigation, transportation, hydroelectric power and leisure</p> <p>⇒ Humans are the biggest cause of river pollution</p> <p>⇒ Rivers are formed by rainfall or springs that begin in high land and flow downwards because of gravity. This water then flows to the sea. Some of it evaporates and turns into vapour which forms clouds. This falls as precipitation and the cycle begins again.</p>

Carlton Assessment Grid			
Success Criteria	Pupil Reflection		Teacher Assessment
	Before	After	
I can locate major rivers using maps	<input type="checkbox"/>	<input type="checkbox"/>	
I can explore the physical and human features of a river	<input type="checkbox"/>	<input type="checkbox"/>	
I can study how and why rivers are formed	<input type="checkbox"/>	<input type="checkbox"/>	
I can research about river pollution	<input type="checkbox"/>	<input type="checkbox"/>	
I can communicate my research findings	<input type="checkbox"/>	<input type="checkbox"/>	