

Red	Amber	Green
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## Water and Carbon cycles : Water and Carbon cycles

W1 I can understand systems concepts (inputs, outputs, flows, transfers, processes etc) and their application to the water and carbon cycles			
W2 I can describe and explain the global distribution and size of major stores of water - lithosphere, hydrosphere, cryosphere and atmosphere			
W3 I can outline the different parts of the Global Water Cycle			
W4 I can explain the changes in the Magnitude of the Water Cycle			
W5 I can explain the Drainage Basin as a system			
W6 I can describe and explain what positive/negative feedback are and how they contribute to dynamic equilibrium			
W7 I can explain the Water Balance (soil)			
W8 I can explain and interpret the Flood Hydrograph			
W9 I can outline the factors affecting changes in the Water Cycle			
W10 I can present a case study of a River Catchment to illustrate the features of the water cycle			
W11 I can collect and interpret relevant fieldwork data			
W12 I can outline the Global Carbon Cycle			
W13 I can describe and explain the global distribution and size of major stores of carbon - lithosphere, hydrosphere, cryosphere and atmosphere			
W14 I can explain the transfers in Global Carbon Cycle			
W15 I can explain the changes in the Carbon Cycle caused by Physical Causes			
W16 I can explain the changes in the Carbon Cycle caused by Human Causes			
W17 I can explain what is meant by The Carbon Budget			
W18 I can outline the Causes of Climate Change and understand the links with the Water and Carbon cycles			
W19 I can outline the strategies used for mitigating the impacts of Climate Change			
W20 I can describe the characteristics of the Tropical Rainforest and link this to the water AND carbon cycles			

Date:

Student Reflection:

Teacher Comment: