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Name Key

Name the 4 biogeoch	emical cycles you learned about:
WATER	CARBON
NITROGEN	PHOSPHORUS
NAME THE CYCLE DI	ESCRIBED:
CARBON	Cycle in which photosynthesis and cellular respiration participate
Phosphorus	Only cycle which does not pass through the atmosphere
WATER	Cycle that involves transpiration
NITROGEY	Cycle which is dependent on bacteria for nitrogen fixation and denitrification
WATER	Process by which water enters the atmosphere from the leaves of plants
CARBON	Cycle in which volcanic activity and burning fossil fuels plays a role
	Another name for the water cycle
CARBON	Cycle which includes an underground reservoir in the form of fossil fuels
NAME THE STEP IN A	BIOGEOCHEMICAL CYCLE:
	EN Process in which nitrogen gas from the atmosphere is converted into ammonia by bacteria that live in the soil and on the roots of plants called legumes
DENITRIFICATION	Process in which soil bacteria convert nitrogen compounds in soil back into nitrogen gas which is released into the atmosphere
Photosynthesi	Process in which sunlight is used to change atmospheric carbon into biomolecules used for energy by living things
TRANSPIRATION	_ Process in which water evaporates from the surface of plant leaves
DECOMPOSITION	Process in which nutrients in dead organisms are returned to the soil
RESPIRATION	$_$ Process in which the break down of sugars in living things returns carbon to the atmosphere as CO_2
EVAPORATION	Process in which liquid water changes into gas form
CONDENSATION	Process in which water vapor (ags) changes into liquid water

	human activit							
	BURNING	FOSSIL FUE	ELS	CELLIN	AR F	PESPIRA	TION	
Name cycle.	2 NON-huma	n activities by wh	ich carbon co	an <u>enter the</u>	atmospl	nere or ocea	ns during the carbon	
	VOLCANIC	ACTIVITY	A BH FLOOR	CELLU	LAR	RESPIR	ATION	1
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	- r Hot	rosynthes	(5					
Tell 2	-	enters the atmosp						
	EVAPOR	Atton	TR	ANSPIR	MIC	<u>,</u>	4 July State	
Tell so	omething huma	ans do to <u>return n</u>	itrogen to th	e soil for the	e nitrog	en cycle.	ai Phu	
FER	CTILIVE /	DE compos	SE					
enzym make	es necessary to proteins and D	to use nitrogen di DNA if we can't g	rectly from t et it from br	he atmosphe eathing.	re. Tell	how we get	ings don't have the the nitrogen we need	d to
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