Name: _	Block: Date:
	The Basic Pattern of Chemical Cycling
	Chemicals cycle within an ecosystem.
	Chemical cycles involve three steps.
	Fill in the blank spaces with the vocabulary: Producers, Decomposers, and Consumers
•	make organic compounds by using chemicals from the non-living environment.
•	eat these producers- using some of their own chemicals and the
	producer's chemicals- and release some back into the environment as waste.
•	break down detritus- supplying the soil, water, and air with the chemicals
fı	rom detritus in an inorganic (non-living) form. Producers then use these inorganic components to restart the cycle.
1. Exp	lain how photosynthesis and respiration are involved in cycling carbon and oxygen.

2. Follow a raindrop through one possible path through the water cycle, ending as water vapor in the atmosphere. ex. Raindrop falling to earth. It becomes ground water and eventually evaporates and returns to the atmosphere.

	Molecule's Reason for Movement	Molecule's Location	Process
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Molecule's Reason for Movement	Molecule's Location	Process
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## Nutrient Cycles - Water, Carbon-Oxygen, OR Nitrogen

Draw your own interpretation of how one of these nutrients cycle through the environment. You may use your textbook (Ch. 36 section 3) for ideas, but do not copy the diagrams found in the book.