ESSENTIAL QUESTION: Can you describe the Water Cycle and explain how it affects weather and climate?  What do you already know?  I he are the state of the atmosphere at a given time and place.  I have a set is an important part of the atmosphere in the form of clouds, rain, sleet, snow, hail, and water vapor.  The amount of water vapor in the air is called the humidity the continuous cycling what is the Water Cycle?  The Water Cycle (AKA—The Hydrologic Cycle) is:  Solar Energy  The earth's surface and the atmosphere atmosphere and the atmosphere atmosphere and the atmosphere atmosphere and the atmosphere	Name:	Uni	t 3: Weather, Climate	& The Atmosphere	NOTES: 3.03
weather and climate?  What do you already know?  Ne q the r is the state of the atmosphere at a given time and place.  • Water is an important part of the atmosphere in the form of clouds, rain, sleet, snow, hail, and water vapor.  • The amount of water vapor in the air is called the humidity the continuous cycling what is the Water Cycle?  • The Water Cycle?  • The Water Cycle (AKA – The Hydrologic Cycle) is:  Solar Energy  The continuous cycling water between and the atmosphere and the atmosphere and the atmosphere for the continuous cycling water between th	FOCUS: Th	e Water Cycle			
We ather  is the state of the atmosphere at a given time and place.  • Mater is an important part of the atmosphere in the form of clouds, rain, sleet, snow, hail, and water vapor.  • The amount of water vapor in the air is called the humidity  The continuous cycling  What is the Water Cycle?  • The Water Cycle (AKA – The Hydrologic Cycle) is:  The earth's surface  and the atmosphere  Solar Energy  The Condensation  Recipitation  Recipitation  Recipitation  Fercolation  Estuary  Groundwater  Aguifer			escribe the Water	Cycle and explain hove	w it affects
The Hydrologic Condensation  Precipitation  Panoff  Percolation  Wetlands  Solvation  Estuary  Aguifer  Aguifer	• <u>/</u> \	29 ther is the state later is an import	tant part of the atn	nosphere in the form of	f clouds, rain,
The Hydrologic Condensation  Precipitation  Panoff  Percolation  Wetlands  Solvation  Estuary  Aguifer  Aguifer	• The	Water Cvcle (AKA – The H	/drologic Cvcle) is:	of waith	curface.
The Hydrologic Condensation  Precipitation  Panoff  Percolation  Wetlands  Solver  Estuary  Aguifer  Aguifer		501	ar Ener	and and	the atmosphere
	The Hyc	tion weth	Con de	Precipit Vunoff Perspring	ercolation

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•	The Water Cycle began very early on in Earth's Nistor and has been
	continuing for billions of years.  The amount of water on Earth is Nearly Constant because it is
•	The amount of water on Earth 15 Nearly Constant because it is
	simply reacted through the Water Cycle.  Pollutants in water become part of the Water Cycle when they enter
•	
	the water supply, negatively affecting both the water on earth and the
	quality of the <u>atmosphere</u> .
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<u>Reaction Notes 3.03:</u> Create a two-door foldable to review the important vocabulary needed to learn the water cycle.

- On the front left flap, you'll list the important vocabulary words.
- On the front right flap, you'll draw a picture or diagram that will help you remember the definition of the word.
- On the inside, you'll write the definition of the word. Definitions can be found in the blue 8<sup>th</sup> grade Science Explorer textbook, in a dictionary, or with the help of reliable internet resources (avoid using sites like Ask.com).
- If you write large, you can create two foldables, splitting the words between them.

Terms:

**EVAPORATION** 

TRANSPIRATION

CONDENSATION

**PRECIPITATION** 

RUNOFF

**FRESHWATER** 

GROUNDWATER