Science 9 Ecology Notes Lesson 1 Name:

*Water Cycle!*

Objectives: By the end of the lesson you should be able to:

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Water Facts!

* 30% of fresh water is in the ground
* 1.7% of the world’s water is frozen and therefore unusable
* Approximately 400 billion gallons of water are used in the United States per day
* Nearly one-half of the water used by Americans is used for thermoelectric power generation
* In one year, the average American residence uses over 100,000 gallons (indoors and outside)
* About 6,800 gallons of water is required to grow a day’s food for a family of four
* To create one pint of beer it takes 20 gallons of water
* 780 million people lack access to an improved water source
* In just one day, 200 million work hours are consumed by women collecting water for their families
* 1/3 what the world spends on bottled water in one year could pay for projects providing water to everyone in need
* Unsafe water kills 200 children every hour

**Water States**

**Water Cycle**

* AKA: the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_cycle
* We know that water changes states between \_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_
* How does water change state on earth?

