

Name _____

Per _____

Instructions: print out and write your answers directly on this paper.

Handwritten only.

**PART 3: APES CONTENT
#2**

Crash Course: Hydrologic and Carbon Cycles Guided Viewing Worksheet

Hydrologic Cycle

1. What are Biogeochemical Cycles?
2. What is a Reservoir of water?
3. What is Precipitation? Name a few types:
4. What is Evaporation? Where does most of evaporation take place on Earth?
 - a. Sublimation?
 - b. Deposition?
5. What is Condensation?
6. What is Runoff? Where does it ultimately end up? (Most of it)
7. Why are oceans salty?
8. What are the 3 ways that the human body loses water?
9. What is evapotranspiration?
10. Diagram a real world example the Water Cycle (Hydrologic) on the back of this paper.

The Carbon Cycle

11. All living things require what to create their bodies?
12. What percentage of the human body is Carbon?
13. How are plants involved in the Carbon Cycle? What happens to the Carbon?- how does it get back to the environment?
14. What happens to Carbon in the ocean? How does it get there? Where does it go?
15. What are shells made of? What happens when they fall to the bottom of the ocean?
16. What happens to Limestone when it is dissolved in water?
17. What is happening with the excess Carbon in the atmosphere? Why is it important that some of the Carbon remains locked in the ground or in ice (glaciers, permafrost)?
18. What is positive feedback loop? (What is happening with global warming?)
19. Diagram a real world example of the Carbon Cycle on the back of this paper.