

Crash Course: Hydrologic and Carbon Cycles Guided Viewing Worksheet

Name: _____

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?

Sublimation?

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 the Water Cycle (Hydrologic)

The Carbon Cycle

- 1: All living things require *what* to create their bodies?
- 2: *What percentage* of the human body is Carbon?
- 3: How are *plants involved* in the Carbon Cycle? What happens to the Carbon?- how does it get back to the environment?
- 4: What happens to *Carbon in the ocean*? *How does it get there? Where does it go?*
- 5: What are **shells made of**? What happens when they *fall to the bottom of the ocean*?
- 6: What happens to **Limestone** when it is dissolved in water?
- 7: 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)?
- 8: What is **positive feedback loop**? Hint: *What is happening with global warming*?
- 9: Diagram the **Carbon Cycle** below: