Make sure to ONLY use your textbook to answer the questions for homework. If you can't find the answer, read through the section again, or ask Ms. R in class.

SEPTEMBER BIOSPHERE

01 Sep		3.1 Introduction to Global Systems Pg. 77 Read the case study. 1. What is BIOSPHERE 2? 2. What is BIOSPHERE 1? 3. What happened with Biosphere 2? 4. How much did the BIOSPHERE project cost? 5. What did Biosphere 2 tell us about CO_2 and O_2?
02 Sep		3.1 Introduction to Global Systems Define: Biosphere Ecology Speices Population Community Ecosystem Biotic factor Abiotic factor Atmosphere Hydrosphere Geosphere
03 Sep		3.1 Introduction to Global Systems What is ecology?
04 Sep		3.1 Introduction to Global Systems What is the difference between a population and a community?
05 Sep		3.1 Introduction to Global Systems Please list approaches ecologists rely on which are part of the scientific method.
06 Sep		3.1 Introduction to Global Systems Please complete the READING CHECK on page 80.
07 Sep		3.1 Introduction to Global Systems Use FIGURE 3.3 to create a Venn diagram listing the biotic and abiotic factors in the pond ecosystem shown.
08 Sep		3.1 Introduction to Global Systems Please complete READING CHECK, page 82.
09 Sep		3.1 Introduction to Global Systems What is one way to understand global systems?
10 Sep		3.1 Introduction to Global Systems What are the 4 global spheres?
11 Sep		3.2 Climate, Weather & Life Define: Climate Weather Greenhouse Effect
12 Sep		3.2 Climate, Weather & Life What defines climate? What does it also include?
13 Sep		3.2 Climate, Weather & Life What does weather consist of? Which is more predictable… climate or weather?
14 Sep		3.2 Climate, Weather & Life What powers and shapes the global climate system?
15 Sep		3.2 Climate, Weather & Life What determines Earth's average temperature?
16 Sep		3.2 Climate, Weather & Life Please complete READING CK, page 88.
17 Sep		3.2 Climate, Weather & Life What causes ocean currents?

18 Sep		**3.2 Climate, Weather & Life** **What factors shape regional climate?**
19 Sep		**3.2 Climate, Weather & Life** **Reading check pg 89.**
20 Sep		**3.2 Climate, Weather & Life** **What does climate change involve?**
21 Sep		**3.2 Climate, Weather & Life** **Pg. 91, Question 7. Skip 3.3, pages 92 – 101. We will do a project on these pages.**
22 Sep		**Case Study Wrap Up pg. 102** **Can we make a working model of our living planet?**