

AP Environmental Summer Homework for 2019/2020 School Year

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1. Read Chapter 1
2. Answer both “bullet points” on page 14
3. Do “Acting Green” #5 (write it but you only need the 2 Senators for California and the 1 representative representing our local area).
4. Answer all Chapter 1 Review Questions (1-12)
5. Answer Critical Thinking Question #4
6. Study the 9 vocabulary words below. There will be a vocabulary quiz on the 2nd day of school.

Chapter 1: Environmental Interrelationships

1. **Environment:** everything that affects an organism during its lifetime.
2. **Science:** an approach to studying the natural world that involves formulating hypotheses and then testing them to see if the hypotheses are supported or refuted
3. **Ecosystem:** region in which the organisms and the physical environment form an interacting unit.
4. **Sustainability:** development that meets the needs of the present without compromising the ability of future generations to meet their own needs.
5. **Ecosystem services:** beneficial effects of functioning ecosystems for people and society.
 - [Categories of ecosystem services] -> (6. Provisioning: food, minerals, renewable energy, water, 7. Regulating: waste decomposition, pollination, purification of air or water, pest and disease control, 8. Cultural: spiritual, recreational, cultural, 9. Supporting: nutrient cycling, photosynthesis, and soil formation).
7. There will be an exam (not just the vocabulary over chapter 1 soon after the start of school).