Conservation worksheet

Bozeman: forests:

http://www.bozemanscience.com/ap-es-017-forestry-rangelands

1. how much of our old growth forests are gone?
2. why is fire suppression not ideal?
3. what are his solutions to the tragedy of the commons?
4. look up GPS ranching collars-why could this help with rangelands?
5. Look up Ralph Waldo Emerson, and cite one of his quotes that is relevant to this topic.
6. Do the same for Henry David Thoreau.
7. What is John Muir famous for, and why is this important?
8. Look up Rachel Carson, and explain why the spring was "silent"
9. What was the impact of her work?
10. Look up Aldo Leopold and cite something relevant to this topic
11. Watch the first 8 minutes of this video:

    http://physics.hpa.edu/physics/apenvsci/videos/ansel_adams.mp4 and explain: how did the creation of local parks change the perception among city dwellers about conservation in other parts of the country? alternate links:

    http://physics.kamuela.org/physics/apenvsci/videos/ansel_adams.mp4

    http://cm.kamuela.org:8888/video/ansel_adams.mp4
12. "More than any other artist of the century, he would help transform the meaning of "wilderness" in America and change what people thought and felt about their own land”- How?
13. Szarkovski uses the metaphor of a dictionary to describe what Ansel Adams did: how did these “words” change the ability of citizens to appreciate nature?
14. He also describes a non-verbal understanding of nature: “that’s it, that’s true”. Why is this important?
15. "It's a place that you step into, and you don't know what's going to happen, a place that can surprise you, it's a place where you are small, where being small is not a bad thing, where being small is actually a wonderful thing"-Carl Pope, Sierra Club: what is the impact of this on you?
16. "...The world is beautiful, that humanity is part of this larger world, that the concerns of the moment are part but not separate from a larger system of forces that that connect us to all of creation"Jonathan Spaulding, Biographer: why was this form of art so effective at conveying this?
17. How did his photographs change the awareness of the public? People usually care about what they know...

18. Teddy Roosevelt used this awareness of the gifts of nature to create parks in the Southwest US-how?
19. Watch this: National Parks: 7:00-10:00

    http://physics.hpa.edu/physics/apenvsci/videos/national%20parks/NATIONAL_PARKS_1.m4v and explain what he means by "ownership" alternate link:

    http://cm.kamuela.org:8888/video/NATIONAL_PARKS_1.m4v
20. (optional) In minutes 11:30-17:15 the Ansel Adams video describes how his father “nurtured a spark” in a non-traditional way-how can you relate to this?

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