

Chaparral Naturalist Class Schedule

<p>Prep: <i>Chaparral, Nature, and the Mind</i></p> <p>A. Chaparral: Pure California – Halsey B. The Biophilia Effect – Williams C. The Healing Wound – Stevens D. Video: Carl Jung E. Video: Collective Unconscious F. Video: Evolutionary Psychology G. Hard Road West – Meldahl H. How the Mts. Grew – Dvorak</p>	<p><i>Evolution/Ecology</i></p> <p>23. Evolutionary Journey 24. Competition and Niches 25. Speciation 26. Populations and Changes <i>Sp Topic: Evolutionary Short Circuits</i></p>
<p><i>The Earth and Chaparral Part I</i></p> <p>8. Tectonic History of California 9. Igneous Rocks <i>Sp Topic: Timeline</i> 2. Our Mediterranean Climate 1. What’s Chaparral? 3. Chaparral Geography 7. Watershed Literacy <i>Sp Topic: CA Watersheds (local/state)</i></p>	<p><i>Fire: Infrequent, high-intensity, and large</i></p> <p>27. Fire Basics 28. Shrubs and Fire 29. Wildflowers and Fire 30. High Fire Frequency Impacts 31. Fire Truths I: Big Fires 32. Fire Truths II: Ecology 6. Chaparral’s Relationship to Fire <i>Sp Topic: Refuting the Fire Suppression Paradigm</i></p>
<p><i>The Earth and Chaparral Part II</i></p> <p><i>Sp Topic: Nature as a Safe Space</i></p> <p>10. Changing Rocks 11. Soils and Manzanitas <i>Sp Topic: Local Geology (map w/key)</i> 5. Chaparral Plant Communities 4. Chaparral vs. Sage Scrub</p>	<p><i>Thinking Clearly</i></p> <p>33. Cognitive Dissonance 34. Crash Course in Complexity 35. Intuitive But Wrong 36. Nexus Causality 37. The Shadow <i>Sp Topic: Dirt Myths & Halsey 2004 (Allelopathy)</i></p>
<p><i>Know & love 20 chaparral plant species</i></p> <p>12. Classification and Leaving Water Behind 13. Leaves and Forms 14. Flower Form and Structure 15. Plant Sex 16. Drought Strategies 17. Non-natives and Invasives <i>Sp Topic: Sunflowers/Plant Families</i></p>	<p><i>Ecology Field Trip</i></p> <ul style="list-style-type: none"> - Black Cyn Road/Lake Sutherland - Inja Memorial - Pioneer Mail (lunch) - Meadow/forest - Montane chaparral/Sunrise Highway geology - A fine Mediterranean dinner - Graduation
<p><i>Animals: Know and love 20 chaparral animal species</i></p> <p><i>Sp Topic: Classification Tree</i></p> <p>18. Committed: The Wrentit 19. Tenacious – CA Red Harvester Ants 20. Protective – CA Grizzly Bear 21. Auspicious – Rattlesnake 22. Persistent: Spadefoot Toad</p>	