

<p>1. 2/17/2018 – Homework <i>Preparing for class by reading:</i></p> <ol style="list-style-type: none"> 1. Chaparral: Pure California (Rick Halsey) 2. Design State of Mind (Vicki Halsey) 	<p>2. 2/24/2018 – How to Engage, Chaparral Intro <i>Communicating a love for nature using chaparral</i> Topics:</p> <ol style="list-style-type: none"> 1. Our Mediterranean Climate 2. Chaparral Plant Communities 3. Chaparral vs. Sage Scrub 4. Drought Strategies 5. Dirt Myths 6. Communicating Preservation & Wonder
<p>3. 3/03/2018 – Chaparral Ecology <i>Diversity of chaparral organisms</i> Topics:</p> <ol style="list-style-type: none"> 7. Chaparral Ecology 8. Arthropods I 9. Arthropods II 10. Reptiles 11. Birds 12. Mammals 	<p>4. 3/10/2018 – Fire and Chaparral <i>The role of fire in chaparral ecology</i> Topics (Off site - to Double Peak, San Marcos)</p> <ol style="list-style-type: none"> 13. Fire Basics 14. Shrub Responses to Fire 15. Herbaceous Plant Responses to Fire 16. High Frequency Fire 17. Fire Truths I - Big Fires 18. Fire Truths II - Ecology
<p>5. 3/17/2018 – Chaparral Physical Environment <i>Characteristics of chaparral are influenced by its physical environment</i> Topics:</p> <ol style="list-style-type: none"> 19. Watershed 20. Tectonic History of California 21. Geology I - Igneous Rocks 22. Geology II - Sedimentary/Metamorphics 23. Chaparral Geography 24. Climate Change 	<p>6. 3/24/2018 – Chaparral Plant Sex <i>Links and patterns used to understand plant sex</i> Topics:</p> <ol style="list-style-type: none"> 25. Plant Evolution 26. Vascular Plant Structure 27. Flower Structure 28. Leaves & Forms 29. Plant Sex in Different Houses 30. Chaparral Plant Families
<p>7. 4/07/2018 – Chaparral Evolution <i>Evolutionary concepts explain chaparral</i> Topics:</p> <ol style="list-style-type: none"> 31. Evolutionary Journey 32. Competition & Niche 33. Speciation 34. Populations & Changes 35. Invasive's vs. Nature 36. Evolution & Diversity of Manzanitas 	<p>8. 4/14/2018 – Chaparral Ethics <i>Protecting chaparral with environmental ethics</i> Topics:</p> <ol style="list-style-type: none"> 37. Constructing an Environmental Ethic 38. Intrinsic Value vs. Utilitarianism 39. Cognitive Dissonance 40. Why Preservation is Important 41. Communicating Preservation & Wonder
<p>9. 4/21/2018 – Field Trip! <i>Chaparral Geology, Sights Visited:</i></p> <ol style="list-style-type: none"> 1. Caliche Cobbles/Vernal Pools 2. Santiago Peak Volcanics/Mission Trails 3. Viejas Overlook/Plutons 4. Guatay Tecate Cypress/Gabbro 5. Redshanks Chaparral/Alpine 6 - 10. Sunrise Hwy Geology/Montane Chaparral Green Marble Dinner in Julian 	<p>10. 10/12/18 & 10/13/18 – Camp Howl <i>Share Experience, Endeavors, Volunteer Opportunities, and Receive Certificate</i></p> <ol style="list-style-type: none"> 1. Advocating for Nature Experience 2. Transitory Nature of the Marble 3. Graduation Certificates 4. Maintaining Connections with Advocates