

<u>Days</u>	<u>Topic</u>	CA Standards Addressed * Bold Standards should be mastered by the end of the unit and they encompass all sub standards within them.
1 & 2	Class Business	
3 & 4	Benchmark #1	All
5-16	Mapping *latitude and longitude *topographic maps *map scale	6b I&E 1h
17-19	Rock Cycle	3c
20-26	Minerals	3c
26-30	Rocks- Rock Cycle, Types, Formation, Characteristics, ID	3.c
31	Energy in the Earth System-Vocabulary	4, 5, and 6
32-41	Earths Energy- Energy Flow, Solar Radiation, Heat, Greenhouse Effect	4.a, 4.b, 4.c
42-55	Earths Energy- Atmospheric Temperatures and Pressures, Circulation Patterns of Heat, Ocean and Air Currents, Temperature Inversions	5.a, 5.b, 5.c,
56-60	Earth's Energy- Oceans, Ocean Water-salinity, density, inversions, currents, Distribution of marine organisms	5.d
60-66	Earth's Energy- Climate and Weather over time, Factors affecting Climate	6.a, 6.b, 6.c
67	Earth's Energy Exam	4, 5, and 6
68	Benchmark #2	All
69	Dynamic Earth Processes Vocabulary	3
70-79	Dynamic Earth Processes- Evidence for Plate Tectonics, Features of Ocean Floor, Plate Boundaries, Earthquakes, Volcanoes	3.a, 3.b, 3.d, 3.e
80	Dynamic Earth Processes Exam	3
81	Biogeochemical Cycles Vocabulary	7
82-95	Biogeochemical Cycles- Photosynthesis, Respiration, Carbon Cycle, Water Cycle, Nitrogen Cycle, Movement of Matter and Energy	7.a, 7.b, 7.c
96	Biogeochemical Cycles Exam	7
97	1st Semester Final Exam	3, 4, 5, 6, 7
98	Structure and Composition of the Atmosphere Vocabulary	8
99-107	Structure and Composition of the	8.a, 8.b, 8.c

	Atmosphere- Layers of the Atmosphere, Chemical Composition of the Atmosphere, Outgassing, Developing Oxygen Levels, Ozone Layer	
108	Structure and Composition of the Atmosphere Exam	8
109	California Geology Vocabulary	9
110-116	California Geology- Important Resources (water, land, air, natural gas, geothermal energy, solar energy, wind energy), Natural Hazards, Water	9
117	California Geology Exam	9
118	Earth’s Place in the Universe Vocabulary	1 and 2
119-129	Earth’s Place in the Universe- Formation of the Solar System, Bodies of the Solar System (Planets, Stars, Comets, Asteroids, Meteoroid), Formation of Earth, Earth’s history,	1.a, 1.b, 1.c, 1.f
130-133	Earth’s Place in the Universe- Location of bodies within the solar system	1.d, 1.e, 1.f
134	Benchmark #3	All
135-143	Earth’s Place in the Universe- Galaxies, Milky Way, Nuclear Fusion, Life Cycle of Stars	2.a, 2.b, 2.c, 2.d
144	Earth’s Place in the Universe Exam	1 and 2
145-153	Review for CST Exam	Vocabulary for mastery
154-163	Volcano Research papers	3
164-170	Volcano Presentations	3 and I
171-174	Review for Final Exam	All
176-180	Final Exam	All