

Marine Biology  
Pacing Calendar 2008-2009  
Moorpark High School

Dates (wk #)	Concepts/Subject	Instruction	CST Alignment	Resources	Assessment & Evaluation
1-2	<b>Exploring the Oceans</b> Unsinkable Ships – The Titanic Voyages of Discovery – Kon Tiki Scientific Exploration Exploring Inner Space Finding the Titanic	Discovery: Highway of Cultura Dispersion Lab: Making Ocean Water		Marine Science Ch. 1	
3	<b>Scientific Method</b> Tools and Techniques of the Trade Scopes Balances Thermometers Hydrometers	Research: Setting up tanks Lab: Snail Speed Lab: Asking ? Lab: Sea Water pH	Investigation & Experimentation 1a - n	Marine Science Ch. 2  Marine Life Ex 1	Scientific Method Quiz
4-6	<b>Oceanography (Review)</b> Ocean Geology Ocean Geography Water Chemistry Surface Currents and Waves Tides and Deep Water Currents Climate & the Ocean	Lab: SONAR Lab: Ocean Floor Lab: Mid Atlantic Lab: H2O Density Lab: H2O Salinity Lab: H2O Dissolved Oxygen Lab: Analyzing Temp Lab: Tides & Current	Cell Biology: 1b, 1h, Physiology: 9f*, 9i*	Marine Science Ch. 15 – 18 & 20  Marine Life Ex 2	Research Notebook Field Trip Oceanography Exam
7-8	<b>Unicellular Marine Organisms</b> Classification Bacteria Diatoms Dinoflagellates Nutrition in Algae	Lab: How diatoms perform life functions Lab: Taxonomy Lab: Isolation/tech. of Marine Bact. Lab: Bacterial ID Lab: Autotrophic Bact. Lab: Phytoplankton Analysis	Cell Biology: 1a, 1c, 1d, 1e, 1f, 1g, 1h, 1i*, 1j*	Marine Science Ch. 4  Marine Life Ex 3, 4 & 5  Glencoe Read 18.1	Research: Red Tides Research Notebook