

HS Science District Instructional Guide 2019 - 20

Course Name: Marine Science		Pacing/Quarter: 2 weeks, Quarter 1			
Unit Title: Intoduction to the Ocean - Unit 1		Essential Questions: 1. How many oceans on Earth are there? How do we find our way around the ocean? 3. What are the names of the ocean basins and major seas? 4. What are the safety rules and protocols for this class?			
		Phenomena: 1. Map of the ocean 2. Map of the world with latitude/longitude lines			
Standards	Cross Cutting Concepts	Objectives	Key Vocabulary	Resources (Activities/Labs)	Assessments
U1: Scientists explain phenomena using evidence obtained from observations and or scientific investigations. Evidence may lead to developing models and/or theories to make sense of phenomena. As new evidence is discovered, models and theories can be revised.U2: The knowledge produced by science is used in engineering and technologies to solve problems and/or create products. U3: Applications of science often have positive and negative ethical, social, economic, and/or political implications.	Patterns	1. Students will be able to identify the safety standards for this class 2. Students will be able to identify the ocean basins, major seas and lines of latitude/longitude.	Latitude, Longitude, International Dateline, Prime Meridian, GPS,	Ocean maps, Chromebooks	Ocean/Seas Mapping Activity, Safety Quiz, Unit 1 Exam

