HS Science District Instructional Guides (Date Updated: _____)

Course Name: Marine Science		Quarter/Pacing:			
Unit Title: Agnatha/Chondrichthyes		Essential Questions:			
		Phenomena:			
Standards	**Cross Cutting Concepts**	**Objectives**	**Key Vocabulary**	**Resources (Activities/Labs)**	**Assessments**
				Shape of Life:	

HS Science District Instructional Guides (Date Updated: _____)

Course Name: Marine Science		Quarter/Pacing:			
Unit Title:Class Osteichthyes		Essential Questions:			
		Phenomena:			
Standards	**Cross Cutting Concepts**	**Objectives**	**Key Vocabulary**	**Resources (Activities/Labs)**	**Assessments**
				Shape of Life:	

HS Science District Instructional Guides (Date Updated: _____)

Course Name: Marine Science		Quarter/Pacing:			
Unit Title: Highways in the Seas		Essential Questions:			
		Phenomena:			
Standards	**Cross Cutting Concepts**	**Objectives**	**Key Vocabulary**	**Resources (Activities/Labs)**	**Assessments**
				Shape of Life:	

HS Science District Instructional Guides (Date Updated: _____)

Course Name: Marine Science		Quarter/Pacing:			
Unit Title: Class Crustaceans		Essential Questions:			
		Phenomena:			
Standards	**Cross Cutting Concepts**	**Objectives**	**Key Vocabulary**	**Resources (Activities/Labs)**	**Assessments**
				Shape of Life:	

HS Science District Instructional Guides (Date Updated: _____)

Course Name: Marine Science		**Quarter/Pacing:**			
Unit Title: Class Crustaceans		**Essential Questions:**			
		Phenomena:			
Standards	**Cross Cutting Concepts**	**Objectives**	**Key Vocabulary**	**Resources (Activities/Labs)**	**Assessments**
				Shape of Life:	

HS Science District Instructional Guides (Date Updated: _____)

Course Name:		Quarter/Pacing:			
Unit Title: Phylum Echinoderms		Essential Questions:			
		Phenomena:			
Standards	**Cross Cutting Concepts**	**Objectives**	**Key Vocabulary**	**Resources (Activities/Labs)**	**Assessments**

HS Science District Instructional Guides (Date Updated: 2019-2020)

Course Name: Marine Science		**Quarter/Pacing: Quarter 3/ 2 Weeks**			
Unit Title: Phylum Mollusks		**Essential Questions:**			
		Phenomena:			
Standards	**Cross Cutting Concepts**	**Objectives**	**Key Vocabulary**	**Resources (Activities/Labs)**	**Assessments**
				Shape of Life: Phylum Mollusca	

HS Science District Instructional Guides (Date Updated: _____)

Course Name: Marine Science		**Quarter/Pacing:**			
Unit Title: Waves and Tides		**Essential Questions:**			
		Phenomena:			
Standards	**Cross Cutting Concepts**	**Objectives**	**Key Vocabulary**	**Resources (Activities/Labs)**	**Assessments**
				Shape of Life:	

HS Science District Instructional Guides (Date Updated: 2019 - 2020)

Course Name: Marine Science		**Quarter/Pacing: Quarter 3, Weeks 1-3**			
Unit Title: Weather, Climate and the Ocean		**Essential Questions:**			
		Phenomena:			
Standards	**Cross Cutting Concepts**	**Objectives**	**Key Vocabulary**	**Resources (Activities/Labs)**	**Assessments**
Essential HS.E1U1.13 **Essential HS.E1U3.14** **Plus HS+E.E1U3.11** **Plus HS+E.E1U3.9**	Energy and Matter Cause andEffect Patterns Systems and System Models	SWBAT: 1. Explain how energy is transferred from the ocean to the atmospherethrough the formation of air masses and weather systems 2. Detail the characteristics and movement patterns of Atlantic hurricanes 3. Describe the factors that lead to the formation of weather events like hurricanes 4. Give examples of the ocean's influence on weather and climate	Pressure, Insolation, Heat Capacity, Weather, Climate, Hurricanes, Greenhouse Gases, Sea Level	Pressure Block Activities NOAA Hurricane Tracking NOAA Carbon Tracker Earth's Dynamically Changing Climate Biomes and Climatology Comparison The Ocean-Carbon Connection Hurricane Frequency and Intensity Teaching Climate LiteracyClimate Outlooks for the next 3 Months - Probability Melting Glaciers	Pressure Blocks Sequence Hurricane Tracking Plausability of Climate Change Powerpoint presentation of climate change effects on marine organisms Unit Exam