

Expedition: Coral Reefs

Timeline: 10 weeks

Grade: 6th

Guiding Questions:

- What is a coral reef?
- What are the benefits of preserving and protecting the coral reefs of the DR/worldwide?
- What can I do to keep corals from disappearing of our oceans?

Learning Targets:

- I can explain what coral reef are and their connections with other sea creatures.
- I can tell why the c. r. of the planet are dying and how can I prevent these problems.
- I can tell how beneficial coral reefs are to humans/the world/the planet.

Week	Language	Math	Science	Social Studies	Art/Dance	Computer	Biblical Int.
1			<ul style="list-style-type: none"> • Building background knowledge of coral reefs. • Planet earth : shallow seas chapter. • Mystery text • Common text • Expert texts • Gallery of corals (websites, maps, graphs, news articles, information posters) 				
2							
3							
4		<ul style="list-style-type: none"> • Math exercises using wave rate, beach area measuring, % of healthy corals, etc. 	<ul style="list-style-type: none"> • Classroom activities: word puzzles, crosswords, quizzes, tests. 	<ul style="list-style-type: none"> • Maps of coral reefs of Dominican Republic, the caribbean and the world at risk, % heathy, etc. 	<ul style="list-style-type: none"> • Art decors for end of year Christmas at amphitheater (marine life theme) 		
5	<ul style="list-style-type: none"> • Posters, magazines, fliers, essays, brochures of coral reefs 		<ul style="list-style-type: none"> • Trip to Fronton to study corals with experts on snorkeling, marine biology, marine environments. 				
6			<ul style="list-style-type: none"> • Feedback from students about fronton 				
7			<ul style="list-style-type: none"> • Expedition night presentation to public audience. 	<ul style="list-style-type: none"> • Maps display at wall of expedition night. 		<ul style="list-style-type: none"> • Internet research to collect info and photos for guia de vida marina de playa fronton. • Guia de Vida marina de playa fronton. 	
8	<ul style="list-style-type: none"> • Posters, magazines, fliers, essays, brochures of coral reefs displayed for expedition night 						
Final Products: <ul style="list-style-type: none"> • Guia de vida submarina de playa frontón. • Posters, magazines, fliers, essays, brochures of coral reefs • Maps of the coral reefs of the DR. And Caribbean area. • Marine life art projects 							
Service Projects: <ul style="list-style-type: none"> • Fronton beach complete clean up. • Coral reefs preservation presentation to parents at expedition night. 							