



THE WYLAND
OCEAN CHALLENGE

PART I : Oceans

ONE PERSON CAN **MAKE A DIFFERENCE.**



TEACHERS AND STUDENTS...



DIVE IN!

INTRODUCTION

A collection of seven marine life scale and structure cards:

- Squid
- Mackerel
- Great White Shark
- Sea Lion
- Blue Whale
- Krill
- Fish, Fins, Forms, & Function

Authentic drawings and accurate rulers will permit students to measure and assess scale, size and structure of designated marine animals.

Welcome to the **Wyland Challenge of America!**

Dedicated to the memory of Jacques-Yves Cousteau and in celebration of the Ocean, The Wyland Ocean Challenge of America will take your students on an epic ocean journey into the underwater world of discovery.

The **Wyland Ocean Challenge** is a unique educational experience that bridges the worlds of science and art. The primary objective of this program is to educate the students about the waters of the world and the life within them, then for the students to create a representation of their newfound knowledge through the arts. Your participation and support of this program will provide the Wyland Foundation with the opportunity to inspire an entire generation to become more aware and involved in ocean conservation.

Included are pre-designed lesson plans. These lesson plans should fit easily into your pre-existing class plans, however feel free to expand upon them. Upon completion of your oceanic studies, students may take one or all three levels of the artistic challenge: I. Creative Explorations, II. Ocean Art, and III. Ocean Mural (Wyland's favorite).

In this packet you should find all of the information necessary to successfully implement The **Wyland Ocean Challenge**.

Please allow time to review all of the components thoroughly, especially the **Teacher Fact Sheet**. Any questions, please contact us at www.wylandfoundation.org or send a fax to 949/376-0737.

Good luck and THANK YOU for taking the Challenge!

WYLAND

Wyland
Founder and President
Wyland Foundation



Curriculum produced by

ORANGE COUNTY MARINE INSTITUTE
www.ocmi.org

www.wylandfoundation.org

to educate

to create

to preserve

the opportunity, 91 million students will save our ocean planet..."

Multi-grade Activities

National Science Standards

	A. Science as Inquiry	B. Physical Science	C. Life Science	D. Earth & Space Science	E. Science & Technology	F. Science in Personal & Social Perspectives	G. History & Nature of Science
1. Fish, Fins, Form, & Function (PK-4)			●				
2. Camouflaging Critter (PK-4)	●	●					●
3. Me to the Sea (K-6)	●	●				●	
4. Sizing up the Seas (3-6)	●	●			●		
5. Everything is Relative (3-6)	●	●			●		
6. Ins and Outs of Water: Optics and Art (5-8)		●					
7. Animal Behavior and Art (5-8)			●				
8. I'd Like to be Under the Sea (5-College)			●			●	
9. Save the Ocean Educational Poster (5-College)		●				●	
10. Patterns in Nature (7-College)	●						



National Visual Art Standards

	A. Understanding and applying media, techniques and process	B. Using knowledge of structures and function	C. Choosing and evaluating a range of subject matter, symbols, and ideas	D. Understanding the visual arts in relation to history and cultures	E. Reflecting on a assessing the characteristics merits of their work and the work of other	F. Making connections between visual arts and other disciplines
1. Fish, Fins, Form, & Function (PK-4)	●	●			●	●
2. Camouflaging Critter (PK-4)	●	●			●	●
3. Me to the Sea (K-6)	●	●	●		●	
4. Sizing up the Seas (3-6)		●				
5. Everything is Relative (3-6)		●				
6. Ins and Outs of Water: Optics and Art (5-8)			●		●	●
7. Animal Behavior and Art (5-8)	●	●	●		●	
8. I'd Like to be Under the Sea (5-College)	●	●	●		●	●
9. Save the Ocean Educational Poster (5-College)	●	●	●		●	●
10. Patterns in Nature (7-College)	●	●				

PLEASE RECYCLE

FOR THE WYLAND TEAM TEACHER

The Wyland Ocean Challenge Mission:

TO PROMOTE, PROTECT, AND PRESERVE OUR PRECIOUS WATER RESOURCES

- **To Educate the students about protecting the quality of water on the planet.**
Included are 10 pre-designed lesson plans, created in partnership with the Orange County Marine Institute. These lesson plans are an excellent tool and should be used to educate your students on the oceans and life within them before you take the Challenge.
- **To Create life-size murals, art, poems, songs and research projects, depicting students' oceanic studies photography, digital art**
 1. **Creative Explorations**
Individually or as a team, students may write a poem, song, or create a research project and/or mini-video based on their explorations.
 2. **Water Habitats**
Individually or as a team, students may create a drawing or painting of their studies.
 3. **Habitat Mural**
Students will work as a team to design and paint an ocean-themed mural for a wall on or in the school.

Students may participate in one or all of the Challenge categories.
- **In order to preserve**
By combining the expression of creativity with studying the reality of the oceans, students will be inspired to a greater awareness of our precious ocean resources and the life within them, therefore, encouraging ocean preservation.

Hold an Ocean Challenge at your school!

**Review the included challenge
instructions & guidelines to get started.**

www.wylandoceanchallenge.org

WYLAND FOUNDATION

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