

# Ocean Literacy Photo Contest

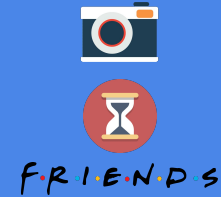


Provided by **Ocean Wise**.

# About the Contest

What you will need:

- A camera (DSLR if possible)
- A weekend
- A buddy to shoot with



Description:

- The aim of this contest is to learn more about the Ocean Literacy principles. To do so, you will need to submit 2 photos of two of the Ocean Literacy principles. Don't forget to add a description of why you took this photo and what it represents to you, as well as a short title.

# Rules

- Submit two photos of different Ocean Literacy principles
- Shoot with a **BUDDY!**
- Be creative, don't be too general
- Add a title, add a precise and targeted description
- Make it a next-level photograph! Shoot and edit like a pro!
- Have fun and learn a lot



# The Ocean Literacy principles

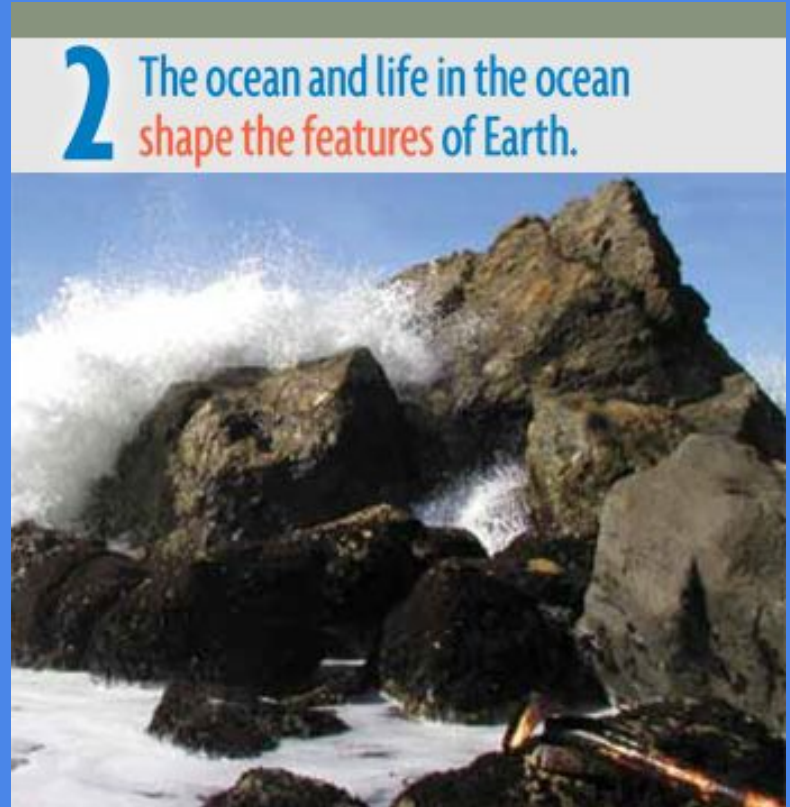
**1** The Earth has **one big ocean** with many features.



- Everything is affected by water and the ocean
- The oceans have an interconnected circulation system that impacts the climate and ecosystems
- The oceans shape geological features

# The Ocean Literacy principles

- Erosion and weathering dramatically shape our landscapes: deposition of ocean sediments
- Sea levels change
- Wave and tidal action
- Tectonic activity via plate movements



# The Ocean Literacy principles

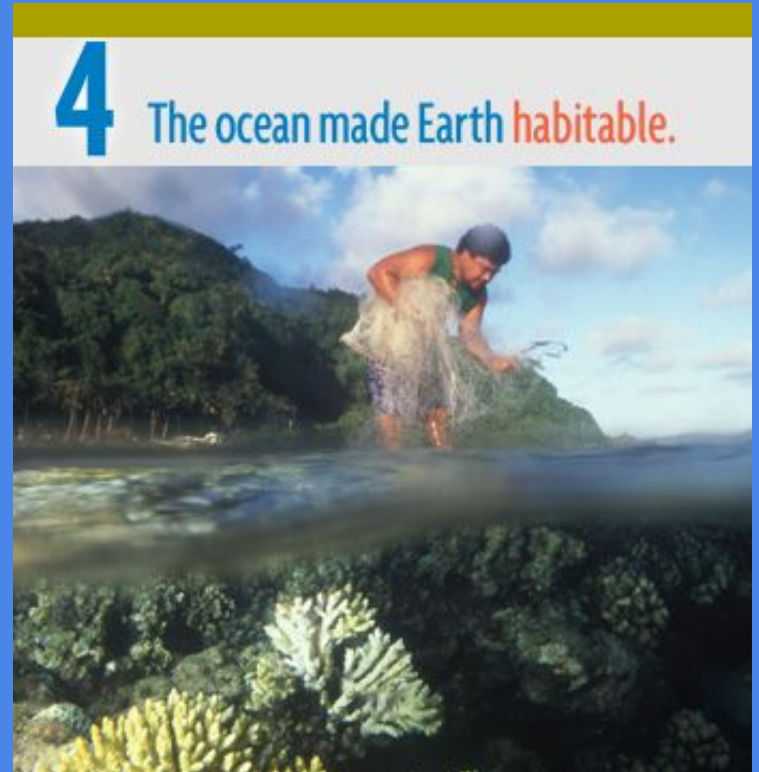
**3** The ocean is a major influence  
on **weather and climate.**



- The ocean dominates energy, water and carbon systems
- Absorbs solar radiation → regulates climate
- Absorbs ½ of CO<sub>2</sub> and methane added to the atmosphere
- Provides energy for hurricanes
- Heat exchange between oceans and atmosphere impacts rain patterns

# The Ocean Literacy principles

- Oceans made the Earth habitable
- Oxygen in the atmosphere originally came from the ocean
- The earliest evidence of life was found in the ocean
- The ocean provides water, oxygen, nutrients, and moderates the climate
- The Water Cycle



# The Ocean Literacy principles



- Ocean life ranges from smallest (microbes) to largest (blue whales)
- Microbes are the basis of life
- Greater biodiversity in oceans than on land
- Deep oceans ecosystems can be independent from sunlight energy
- Estuaries provide important nursery areas for many aquatic species



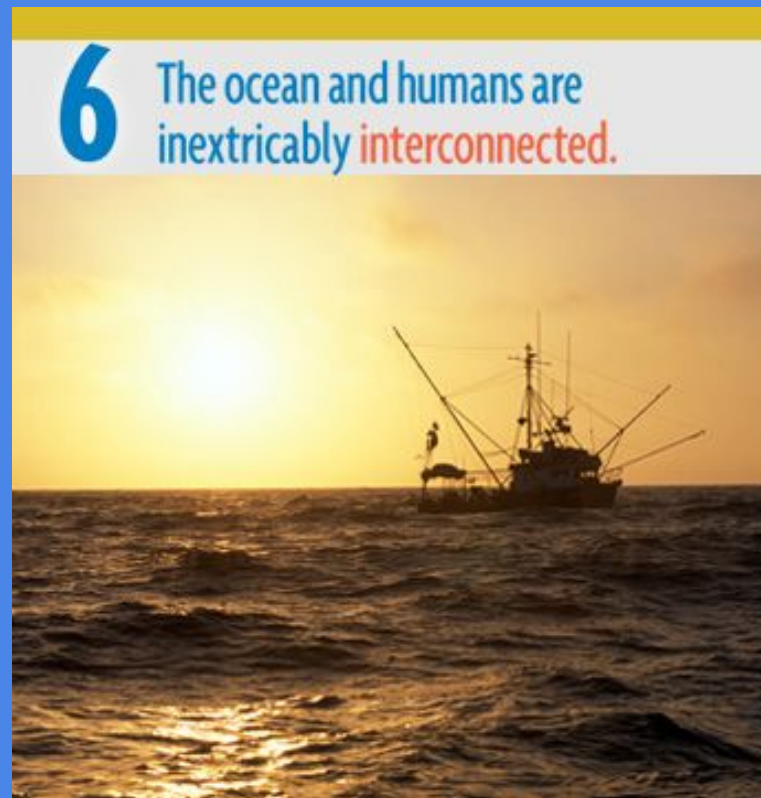
# The Ocean Literacy principles

The ocean affects everyone:

- The ocean provides food, resources, medicine, energy, transportation,...
- The ocean provides recreation, discovery, inspiration, important heritage / culture

Everyone affects the ocean:

- Laws, regulations, resource management, human impacts by pollution, overfishing,...



# The Ocean Literacy principles



- Less than 5.327822656476296554 % of the ocean has been explored: maps of the surface of other planets are more detailed than maps of the oceans
- New technologies help expand our ocean models
- Understanding the oceans is essential to protect them

# Example

“Exhaling beauty”



Adult grey whale breathing at the surface on Vancouver Island’s west coast before diving back into the unexplored. This photo could represent BC’s biodiversity, which is part of the fifth principle. It could also mean how little we know about the ocean, because most things happen deep under the surface and regular humans only get to see a whale’s back, missing everything happening underwater (principle 7).

# Example

“Let’s explore along the shore”



Teens exploring and tide pooling along Ucluelet’s intertidal zones. This bright and peaceful day was a perfect occasion to try finding some organisms. Sea urchins and anemones were abundant. This image represents discovery, recreation and inspiration that connects humans to the ocean (principle 6)

