



Save Our Seas: NAMEPA's Parent Survival Series - Week 6

Tomorrow is a day to CELEBRATE the 50th Anniversary of EARTH DAY!!!! Many organizations, including NAMEPA, will have special (online) activities and programs to illuminate how far we have come in terms of recognizing the value of the environment and our need to protect it. With that, naturally, comes the admission that we have a lot more work to do!!

So why not consider tomorrow a holiday to celebrate with your learners? How about having them draw pictures of themselves hugging the Earth? Party hats made out of (clean) recyclables? Maybe even musical instruments out of toilet or paper towel rolls (I once made a saxophone out of that! For the sake of your sanity, I won't suggest drums unless you are amongst the truly brave!). Or perhaps you could work on a strategy for how YOUR family can embrace the 3 R's? No, not reading, 'riting and 'rithmetic, but reduce, reuse, recycle?

Join NAMEPA in celebrating EARTH DAY tomorrow! Our world will be a better place for your efforts!

Be well and safe,

Best always,

Carleen

Carleen and the NAMEPA Team

Carleen Lyden Walker

Co-Founder/Executive Director

IMO Goodwill Maritime Ambassador

North American Marine Environment Protection Association (NAMEPA)

+1 203 255 4686 (o)

+1 203 260 0480 (m)

+1 203 286 3881 or CarleenLK (Skype)

executivedirector@namepa.net www.namepa.net



Parent Survival Series

Lesson Plan Week 6

Ocean Literacy Principle 6 – *The ocean and humans are inextricably interconnected.*

Specific Learning Outcome

After Week 6, your child will understand how humans interact with the ocean and why the marine environment is such an invaluable resource. They will understand the effect humans have on the ocean.

Day 1:

Read to your child:

The ocean is a source of inspiration, recreation, rejuvenation and discovery. It is also an important element in the heritage of many cultures. Much of the world's population lives in coastal areas.

Ask your child:

- 1) How do you interact with the water?
(hint: Is it a family trip to the beach? Maybe there is a river that runs through your community?)

- 2) How do humans interact with the water?
(hint: Recreation [boating/fishing/swimming], food, shipping goods [container ships/oil tankers])

- 3) Why would you live along the coast?
(hint: Recreation, aesthetic value, travel, food)

- 4) Can you name one way we are indirectly related to the ocean?
(hint: Think about where our goods come from, transportation)

Activity: Marine Environment Word Search

Principle 6: *The ocean and humans are inextricably interconnected.*

Marine Environment Word Search



ENVIRONMENT
MANATEE
POND

TURTLE
FISH
OCEAN

SHARK
WAVE
LAKE

OCTOPUS
SUSTAINABLE



Activity: Adopt A Ship

Principle 6: *The ocean and humans are inextricably interconnected.*

Want to learn more about life aboard a ship? Ask a senior officer your question (s) through our Adopt A Ship program! Parents, NAMEPA is here to be the intermediary on behalf of teachers. Email NAMEPA Education (education@namepa.net) your letters and we will convey messages between you and senior officers onboard ship! NAMEPA is your distant learning source!

Adopt A Ship: Connection to the marine industry!



The Adopt A Ship is a free program to help children of all ages understand the role shipping and seafarers play in the global community. This opportunity allows students to connect with the marine industry while learning geography, culture, marine operations, and communication skills beyond the words in a textbook. Children will exchange an email (via NAMEPA or their teacher) once a week with a senior officer onboard a ship. This exchange encourages conversation about ship experiences and the daily routines and specific tasks as they pertain to science, math and the environment in the maritime industry all done from the comfort of your home!

For more information, visit <https://namepa.net/adopt-a-ship/> or email us at education@namepa.net



Day 2

Read with your child:

Humans affect the ocean in a variety of ways. Laws, regulations and resource management affect what is taken out and put into the ocean. Human development and activity lead to pollution (point source, non-point source, and noise pollution), changes to ocean chemistry (ocean acidification) and physical modifications (changes to beaches, shores and rivers). In addition, humans have removed most of the large vertebrates from the ocean.

Activity: Marine Debris Web Tree

Principle 6: *The ocean and humans are inextricably interconnected.*

- 1) Write the words Marine and Debris a few inches apart
- 2) Ask your kids to list out what they think of when they hear the word "Marine"
(examples: ocean, water, boat, ship)
- 3) Ask your kids to list out what they think of when they hear the word "Debris"
(examples: pollution, garbage, trash)
- 4) Connect the new words!
(examples: ocean pollution, ocean garbage, boat pollution)

Activity: Marine Debris Web Tree

Principle 6: *The ocean and humans are inextricably interconnected.*

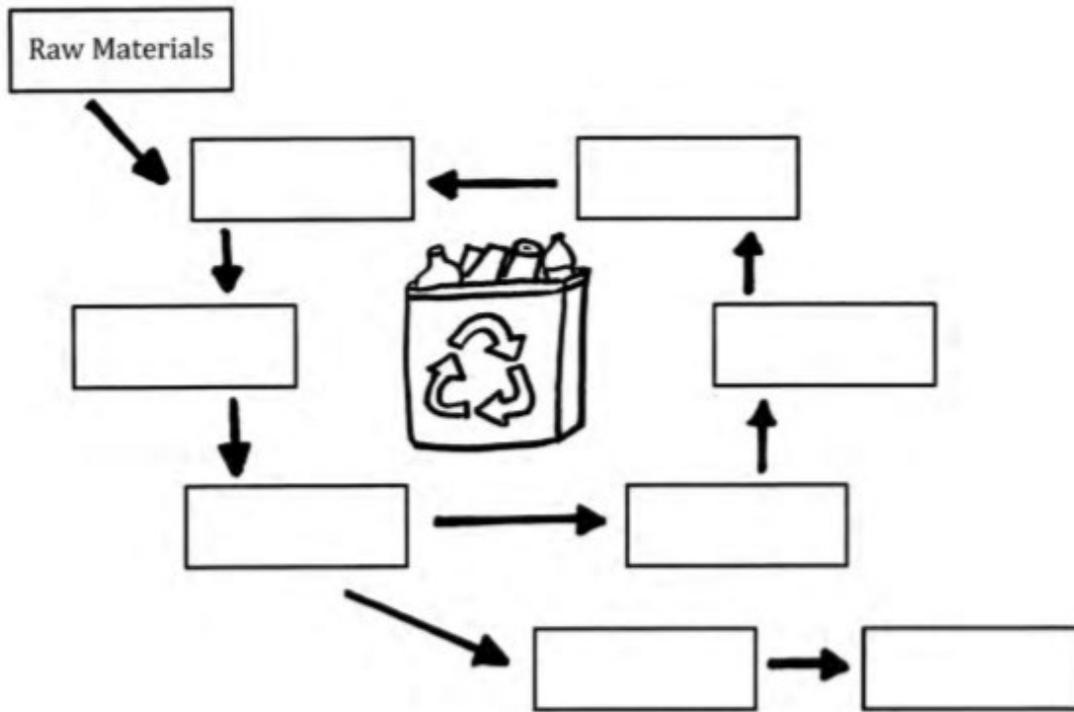
Visit www.NAMEPA.net/education and learn about the different types of marine debris and ways you can prevent trash from entering the ocean. In our *Educator's Guide to the Marine Debris* Lesson 1: Let's Talk Trash

Explore the Life Cycle of Trash: From our *Exploring the Marine Environment Activities & Games for Kids of All Ages*



The Life Cycle Of Trash

Fill in the boxes to illustrate the correct path your trash takes as it is being recycled or sent to landfill.
The first step is done for you.



Bin
Raw Materials
Recycling bin
Home
Landfill

Factory
Shop
Recycling Center
Recycled Material