A CREATIVE COLORING COMPANION TO HELP SAVE OUR SEAS

Boston Edition | Volume One



pangeaseed.org | seawalls.org

A Drop of Paint Can Create an Ocean of Change

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PRODUCED IN COLLABORATION WITH

Bow Seat Ocean Awareness Programs

HarborArts



ALOHA!

Welcome to the Sea Walls: Artists for Oceans Boston coloring activity book. Did you know the oceans are the life support system of the planet? At PangeaSeed Foundation, we believe a drop of paint can create an ocean of change, so we'd like to think that this booklet goes above and beyond being "just" a coloring book and is rather a companion to help you learn about the importance of our oceans and the pressing issues impacting them.

As the basis of the coloring pages, we featured artworks that PangeaSeed Foundation supporting ARTivists have created for Sea Walls Boston, and students' artworks created for Bow Seat Ocean Awareness Programs' global Ocean Awareness Contest. Be sure to read about these inspiring public murals in East Boston and original student artworks, and practice some of the action steps we've suggested. Harness your creativity and together, we can help save our seas!

Happy creative learning,
and let's paint for a purpose!





WHO WE ARE

PANGEASEED FOUNDATION

PangeaSeed Foundation is Hawaii-based, internationally engaged nonprofit organization working at the intersection of culture and environmentalism to further the conservation of our oceans. Our mission is to empower individuals and communities to create meaningful environmental change for oceans through science, education, and ARTivism (S.E.A.). Visit **pangeaseed.org** to learn more.

SEA WALLS: ARTISTS FOR OCEANS

Sea Walls: Artists for Oceans is PangeaSeed Foundation's groundbreaking public art program that brings the oceans into the streets around the world. By collaborating with the world's most renowned contemporary artists, we create large-scale public murals that address pressing environmental issues our oceans are facing. Visit **seawalls.org** to learn more.

BOW SEAT OCEAN AWARENESS PROGRAMS

Bow Seat provides an innovative space for teens to connect, create, and communicate for our ocean. Working at the intersection of ocean science and arts education, our award-winning programming emphasizes creative thinking and making in exploring the natural world. Visit **Bow Seat.org** to learn more.

HARBOR ARTS

HarborArts is an East Boston-based initiative that creates public art as a platform for dialogue. We are building community around environmentalism and artistic expression, through the installation of monumental public artworks on the waterfront and beyond, . Learn more at **harborartsboston.com**



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“RISE”

by Silvia López Chavez (East Boston, MA | USA)



Mural by Silvia López Chavez at Boston Harbor Shipyard & Marina in East Boston (Photograph by Zach Heyman)

What is this mural about?
Plastic Pollution and Human Impact on Oceans

The Oceans are the life support system of our planet and humankind. The seas flow over nearly three-quarters of the Earth and hold 97% of the planet's water. Sea plants produce 70% of the oxygen we breathe, that's every second breath we take. The oceans are home to incredible biodiversity and some of the most massive creatures on earth. No matter where you live in the world, from the mountains to the desert, oceans directly affect your life and the lives of everyone you know. From the air that you breathe, the water you drink, the food you eat, to the products that keep you warm, safe, informed, and entertained, all can come from or are transported by the ocean.

Once, we thought that we could never take too much out of the oceans, or put too much waste into it. However, now, the sheer number of people on our overpopulated planet who use and depend on the sea, and the sometimes unwise practices we adopt, have created many problems such as overfishing, pollution, acidifying oceans, biodiversity loss, and degradation of marine habitats, among others. We now risk the very ecosystems on which our survival so closely depends. A recent study that mapped human impact on the oceans for the first time has revealed that the picture is far worse than scientists had previously imagined. 40% of the world's oceans have been profoundly affected by human activity.

Take action!

Reduce your own plastic and carbon footprint by:

- Take a plastic inventory! For a few days, pay attention to all the things you use that are made of plastic and think about ways you can use more reusable, sustainable, non-plastic products. Some easy swaps include:
  - ~ Reusable water bottle
  - ~ Metal/silicone straws
  - ~ Reusable grocery bags
  - ~ Reusable storage bags to replace zip-lock bags
  - ~ Choose groceries packed in paper, glass or metal, instead of plastic
- Choose sustainable seafood that is lower on the food chain (think sardines over tuna).
- (Help your parents) vote for ocean-minded candidates.

Artist statement

"Plastic pollution harms humans and marine life across continents. New England's unregulated plastic use is a special threat to communities such as East Boston, who bear the brunt of many dangerous health risks for both ecosystems. Plastics dumped into Boston Harbor through storm drains become tiny microplastic bites for sea animals and birds, killing many and making their way into our foodchain system.

The imagery in this mural also alludes to sea level rise and Boston's vulnerability as a coastal city. Native animals, seaweed, and plants pulled by a net navigate through plastic objects and particles floating in the water. At the center of the composition is a mestiza woman, who is part native, almost entirely underwater. She represents the past, present, and future of our collective livelihoods, taking action and caring for a better tomorrow." - Silvia López chavez

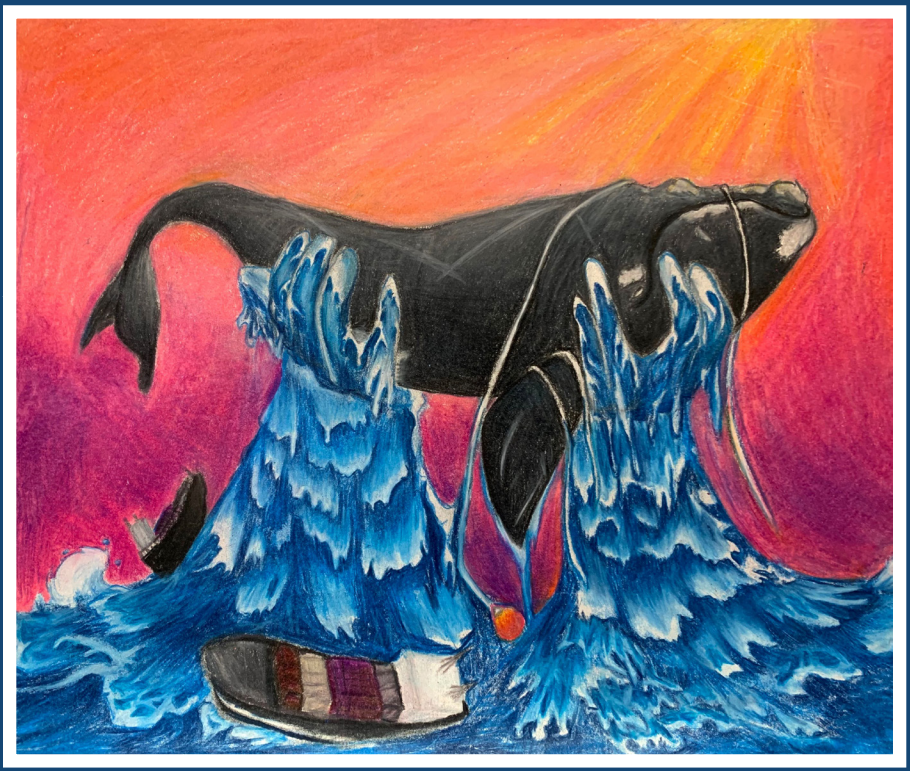


Artwork traced by Yesenia Mejia

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“SAVE THE WHALES”

by Michelle Gu (Concord, MA | USA)



Artwork by Michelle Gu, Age 12 | 2019 Right Whales, Middle School, Art
Bow Seat Ocean Awareness Programs

What is this artwork about?

Biodiversity loss: the North Atlantic Right Whale

The North Atlantic right whale is one of the rarest whale species in the world. With fewer than 411 individuals remaining, our researchers are working tirelessly to study and protect this critically endangered species.

Once a heavily-targeted commercial whaling species, the North Atlantic right whale remains vulnerable to contemporary human activities, including vessel strikes and entanglement in fishing gear. With fewer than 425 whales remaining, this species' recovery is also threatened by low reproduction, habitat loss, disease, and environmental contaminants.

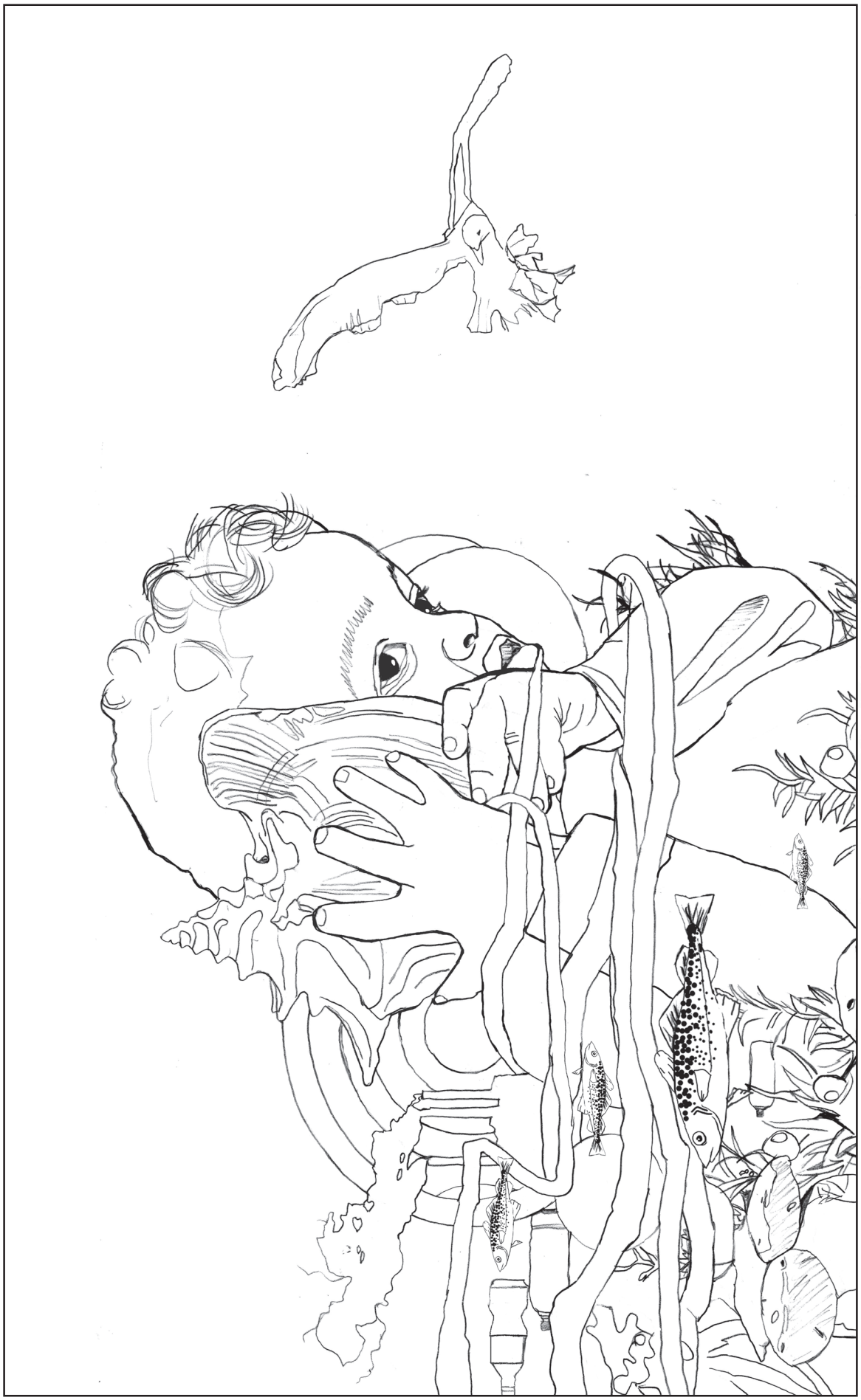
Take action!

You can help save North Atlantic Right Whales by:

- Be aware of the situation right whales are facing and educate others. People need to understand what little time we have to save these whales!
- Support local fishermen and organizations who are working to change fishing practices to make their gear whale safe, such as the South Shore Lobster Fishermen's Association in Massachusetts.
- Tell your local, state, and federal representatives that you encourage and support policies designed to protect right whales. Vote for candidates who support ocean conservation.
- Support organizations that are working to improve policies aimed at reducing human impacts on right whales
- Advocate for bans on single-use plastic bags and Mylar balloons. These items are often seen in right whale feeding areas. Plastics of all types can end up in the ocean and lead to major problems for whales (and other marine animals) if ingested.
- Boaters should be aware of when whales are in their waters, and slow down to 10 knots or less to reduce the risk of vessel strike. Even small vessels can seriously injure or kill right whales.
- Before buying seafood at a market or restaurant, ask where it comes from and what that fishery is doing to prevent whale entanglements and deaths. Most sellers will have no idea, but if you ask the question, they will know that it's important to their customer. And that takes us back to our first suggestion: Educate others!
- Visit the New England Aquarium's website to learn more about North Atlantic Right Whales, and the work being done to protect them: **AndersonCabotCenterForOceanLife.org/RightWhales**

Artist statement

"I created this because I wanted to let others know that we should save the North Atlantic right whales. I love animals, and I don't like the fact that other people are harming the animals, and some don't even know! But the ones who do know are doing very little to help. So if more people know, then more people will help. I learned that animals, such as the North Atlantic right whales not only get tangled up in nets, but they also get harmed by the bow of a ship. I will tell others and warn them about these sea creatures that are becoming endangered, and why. Even if I can't do something, that doesn't mean someone else can't." - Michelle Gu



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“THE CALLING”

by Vise1 and JULZ (Boston, MA | USA)





Mural by Vise1 and JULZ at Boston Harbor Shipyard & Marina in East Boston (Photographs by Zach Heyman)

What is this mural about? Environmental and Climate Justice

Intersectional Environmentalism is an inclusive version of environmentalism that advocates for both the protection of people and the planet. It identifies the ways in which injustices happening to marginalized communities and the earth are interconnected. It brings injustices done to the most vulnerable communities, and the earth, to the forefront and does not minimize or silence social inequality. Intersectional environmentalism advocates for justice for people + the planet. **Visit intersectionalenvironmentalist.com for more information.**

Take action!

Support environmental and climate justice by:

- Educate yourself about how environmental impacts affect people differently based on their socioeconomic and racial background.
- When thinking about environmental issues, take an intersectional approach.
- Vote for candidates who prioritize environmental justice and climate justice.
- Research what environmental injustices are occurring in your commuinty and volunteer or donate to support advocacy groups.
- Visit the **Intersectional Environmentalist Website** to learn about Leah Thomas and her work.

Artist statement

“The calling depicts a young boy listening to the cry of the ocean through sounds of the conch shell. The image represents the impact consumerism, human consumption and waste have on our sea life and the lasting effect it has on our most vulnerable populations.

Our children like many other populations lack the ability or control to make lasting change to protect the sea they will inherit. Which means it is our responsibility to 1include them in the conversation and teach them as we all take actions to protect and save our sea.

There is only one ocean that connects us all. We must hear the calling of the sea and take action to reverse the damage that has been done before it is too late.” – Vise1 and Julz Roth



Artwork traced by Yesenia Mejia

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“CAUSE AND EFFECT”

by Vedika Amin (Mumbai, India)



Artwork by Vedika Amin, Age 13 | 2019, Middle School, Art Bow Seat Ocean Awareness Programs

What is this artwork about? Polution and Biodiversity Loss

The impact of humans on the natural environment is significant and growing, causing changes in biodiversity that have been more rapid in the past 50 years than at any time before in human history. As demographic pressures and consumption levels increase, biodiversity decreases, and the ability of the natural world to continue delivering the goods and services on which humanity ultimately depends may be undermined.

Biodiversity loss disrupts the functioning of ecosystems, making them more vulnerable to perturbations and less able to supply humans with needed services. The consequences are often harshest on the rural poor, who depend most immediately upon local ecosystem services for their livelihoods. Out of the 24 ecosystem services that make direct contributions to human well-being, 15 are in decline including our oceans.

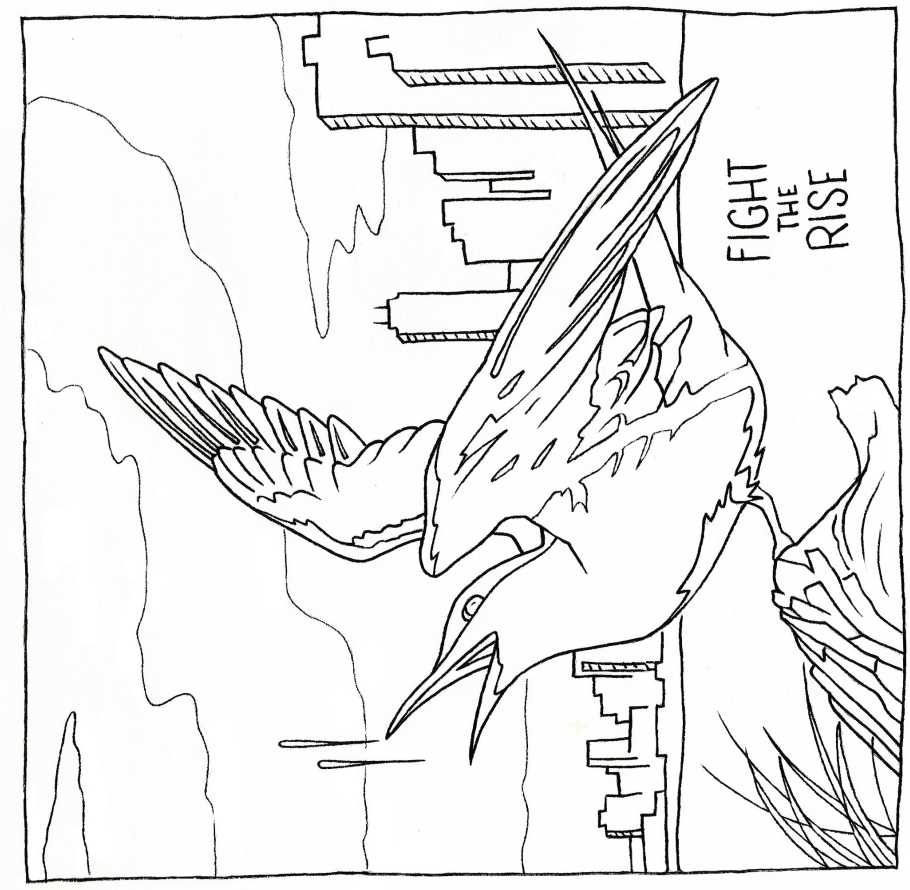
Take action!

Reduce your environmental impact by:

- Reduce your carbon footprint.
- (Help your parents) vote for ocean-minded candidates.
- Complete these activities to learn more:
  ~ Seafood Watch Educator + Student Resources: seafoodwatch.org/
- Choose sustainable seafood that is lower on the food chain (think sardines over tuna).
- Choosing reusable and compostable goods over less sustainable materials.

Artist statement

“The hump-backed Mahseer fish species endemic to the Cauvery River Basin is now listed as Critically Endangered on the IUCN Red List of Threatened Species. Its supporting ecosystems—the rivers and wetlands—are also in severe decline. My artwork titled “Cause and Effect,” is inspired by the Madhubani painting tradition which has played a vital role in the environmental conservation efforts in India. This art style is known for its unique representation of natural elements like the sun, moon, animals, birds, flowers, trees, fish and their relationship with humans and ancient deities. I have symbolically represented the factors expediting climate change and causing the near extinction of the hump-backed Mahseer fish: a human being with the head of a scorching sun represents global warming, loss of habitat caused by deforestation is shown as an uprooted-inverted tree, industrial pollution is represented by gears and a polluting factory, migratory barriers are represented by the Dam signage, overexploitation is expressed by the dead fish surrounded by nets, and environmental pollution is shown as the plastic trash, waste, and murky bubbles of water. My artwork serves as a visual reminder of unrelenting human greed and its consequences. The prestigious Bow Seat contest has given me a platform to raise global awareness about the near extinction of this iconic fish species and its supporting habitats. We can bring about a significant change if we connect and commit towards conserving, protecting, and preserving all forms of life on our beautiful planet.” - Vedika Amin





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“FIGHT THE RISE”

by Josie Morway (Boston, MA | USA)



Mural by Josie Morway at Boston Harbor Shipyard & Marina in East Boston (Photograph by Zach Heyman)

What is this mural about?

Coastal Development and Sea Level Rise

The impact of humans on the natural environment is significant and growing, causing changes in biodiversity that have been more rapid in the past 50 years than at any time before in human history. As demographic pressures and consumption levels increase, biodiversity decreases, and the ability of the natural world to continue delivering the goods and services on which humanity ultimately depends may be undermined.

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Take action!

Support local ecosystems by:

- Reducing your carbon footprint.
- Advocate for conservation efforts, and voice your opinion to your town/city/state government and elected leaders
- (Help your parents) vote for ocean-minded candidates.
- Choose sustainable seafood that is lower on the food chain (think sardines over tuna). Check out **these guides**!
- Choosing reusable and compostable goods over less sustainable materials.

Artist statement`

“Fight The Rise features two endangered Roseate Terns in conversation amidst the elements that most threaten them; sea level rise and coastal over-development. The population of these terns is falling precipitously, as is that of so many other shorebirds and songbirds here in the Boston area.

I hope that these terns – at such an exaggerated scale and with their striking black and white plumage and intense gazes – will be effective messengers, asserting that we can, and must, slow the process of climate change and the pace of reckless development. I send them to my neighbors in East Boston, whose homes and health are also acutely threatened by these same factors, as a sign of hope and also an invitation to work together toward brighter days.” – Josie Morway



Artwork traced by Yesenia Mejia

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“OUR OCEANS, OUR PLASTIC”

by Kacey Kim (Beverly Hills, CA | USA)



Artwork by Kacey Kim, 6th Grade | 2015, Middle School, Art
Bow Seat Ocean Awareness Programs

What is this artwork about?

Plastic and Pollution

Today, the oceans and marine life are facing the threat of permanent alteration from a number of sources of pollution, and plastic is among the most significant. Plastic accounts for 60-80% of marine garbage, and in high-density areas, reaches up to 95%. The reality is that every piece of plastic that has ever been made still exists in one form or another. Even when burned, it breaks down into microscopic, toxic particles. Made from oil, plastic is not a material that our planet can digest. It is estimated that by 2050, plastic will outweigh fish by weight in our oceans.

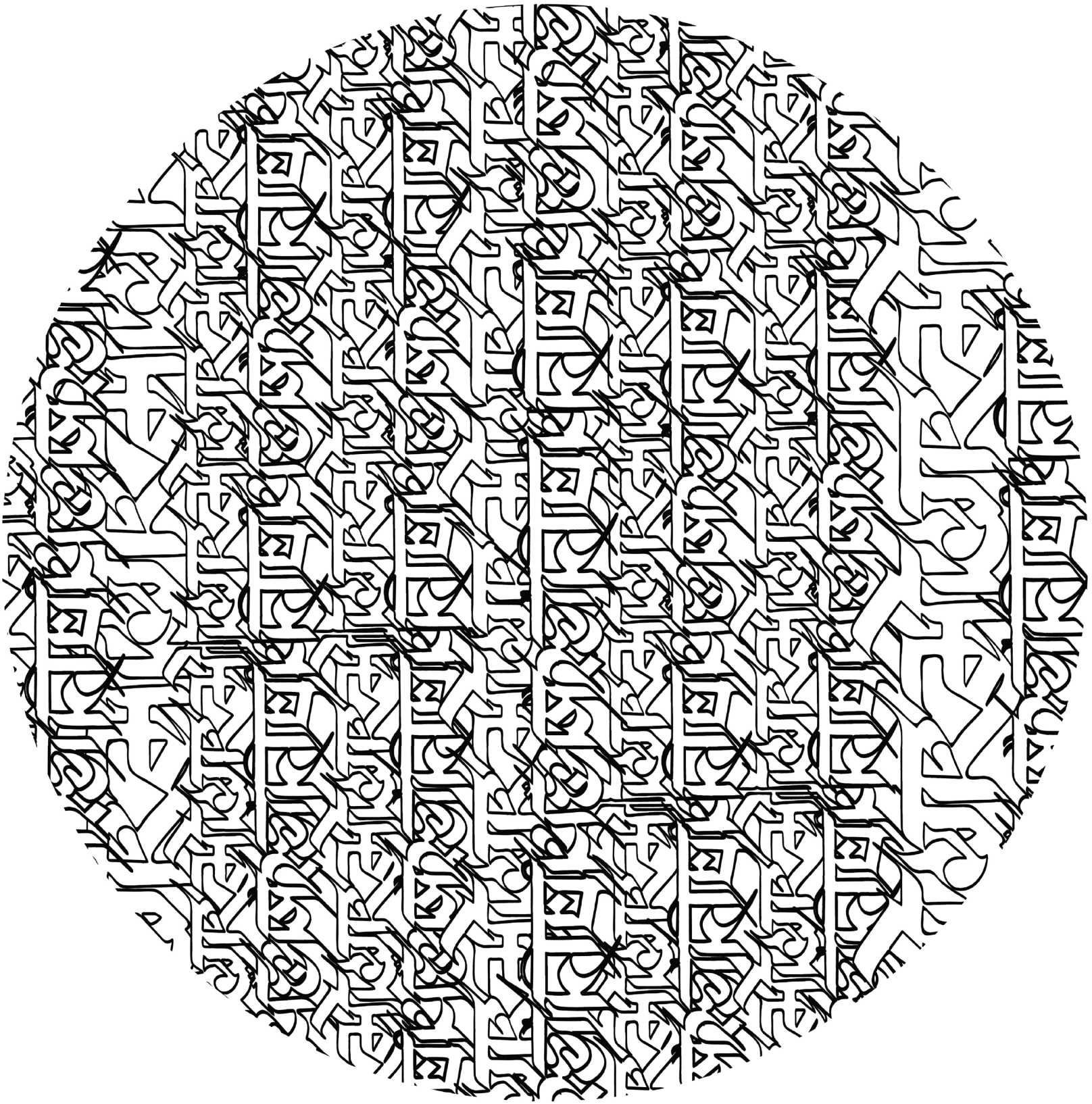
Take action!

Reduce your own plastic and carbon footprint by:

- Take a plastic inventory! For a few days, pay attention to all the things you use that are made of plastic and think about ways you can use more reusable, sustainable, non-plastic products. Some easy swaps include:
  ~ Reusable water bottle
  ~ Metal/silicone straws
  ~ Reusable grocery bags
  ~ Reusable storage bags to replace zip-lock bags
  ~ Choose groceries packed in paper, glass or metal, instead of plastic
- When you do use plastic, reuse and recycle what you use
- Choosing reusable and compostable goods over less sustainable materials

Artist statement

“It is important to spread the word about negative effects of ocean pollution. In order to maintain a clean and thriving ocean, we have to do what we can to try to save it before it is too late. I hope that people will be inspired to help out and take initiative looking at my artwork. It truly breaks my heart to see the poor animals suffer from a habit that people perform. We need to step up now and open the world’s eyes to the appalling effects of ocean pollution. Helping the ocean become a safer, cleaner, and happier environment is a small step into making the world a better place.” - Kacey Kim



“PROTECT WHAT YOU LOVE”

by IMAGINE (Boston, MA | USA | Kathmandu, Nepal)



Mural by IMAGINE at Boston Harbor Shipyard & Marina (Photograph by Jane Louie)

What is this mural about? Humanity's responsibility to protect our planet

The impact of humans on the natural environment is significant and growing, causing changes in biodiversity that have been more rapid in the past 50 years than at any time before in human history. As demographic pressures and consumption levels increase, biodiversity decreases, and the ability of the natural world to continue delivering the goods and services on which humanity ultimately depends may be undermined.

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Take action!

Reduce your own plastic footprint by:

- Bring your own! Say no to single-use plastics.
- Eat as local as possible.
- Reduce your carbon footprint and energy consumption.
- Make sustainable seafood choices. Vote for the environment and call your representatives.
- Educate yourself about what's happening to our oceans.

Artist statement

“The mandalas in Protect What You Love signify the circle of life and the need for balance. The mural is a call to action to think about the three realms of environmentalism, social justice and activism balanced in one picture about saving the planet. We cannot think about protecting our planet without protecting and elevating the voices of its most vulnerable people.

It's important to know that the communities that are most affected by the effects of climate change are low income communities of color. In East Boston, new apartments are built at an elevation to withstand extreme coastal flooding caused by sea level rise due to global warming. But low income families continue to live in older housing that have no such protections. These communities do not have the economic means to protect themselves or evacuate from the inevitable devastation caused by coastal flooding. So how might we raise awareness about rising sea levels and the people getting most affected by it at the same time?

My art is deeply rooted in the traditions and aesthetics of my Nepali culture. So by putting something up that has the cultural aesthetics that you might not see everyday, I want to encourage people to think about communities of people of color. The message is to protect what we love and to protect the planet, which includes protecting its people. - IMAGINE



Artwork traced by Yesenia Mejia

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"A CALL FOR CHANGE"

by JieJie Yuan (New York, NY | USA)



Artwork by JieJie Yuan, Age 14 | 2017, Middle School, Art Bow Seat Ocean Awareness Programs

What is this artwork about?

Ocean Stewardship

Oceans are the life support system of our planet and humankind. The seas flow over nearly three-quarters of the Earth and hold 97% of the planet's water. Sea plants produce 70% of the oxygen we breathe, that's every second breath we take. The oceans are home to incredible biodiversity and some of the most massive creatures on earth. No matter where you live in the world, from the mountains to the desert, oceans directly affect your life and the lives of everyone you know.

From the air that you breathe, the water you drink, the food you eat, to the products that keep you warm, safe, informed, and entertained, all can come from or are transported by the ocean. Around 50% of the world's population lives within the coastal zone, and ocean-based businesses contribute more than $500 billion to the world's economy.

Once, we thought that we could never take too much out of the oceans, or put too much waste into it. However, now, the sheer number of people on our overpopulated planet who use and depend on the sea, and the sometimes unwise practices we adopt, have created many problems such as overfishing, pollution, acidifying oceans, biodiversity loss, and degradation of marine habitats, among others. We now risk the very ecosystems on which our survival so closely depends.

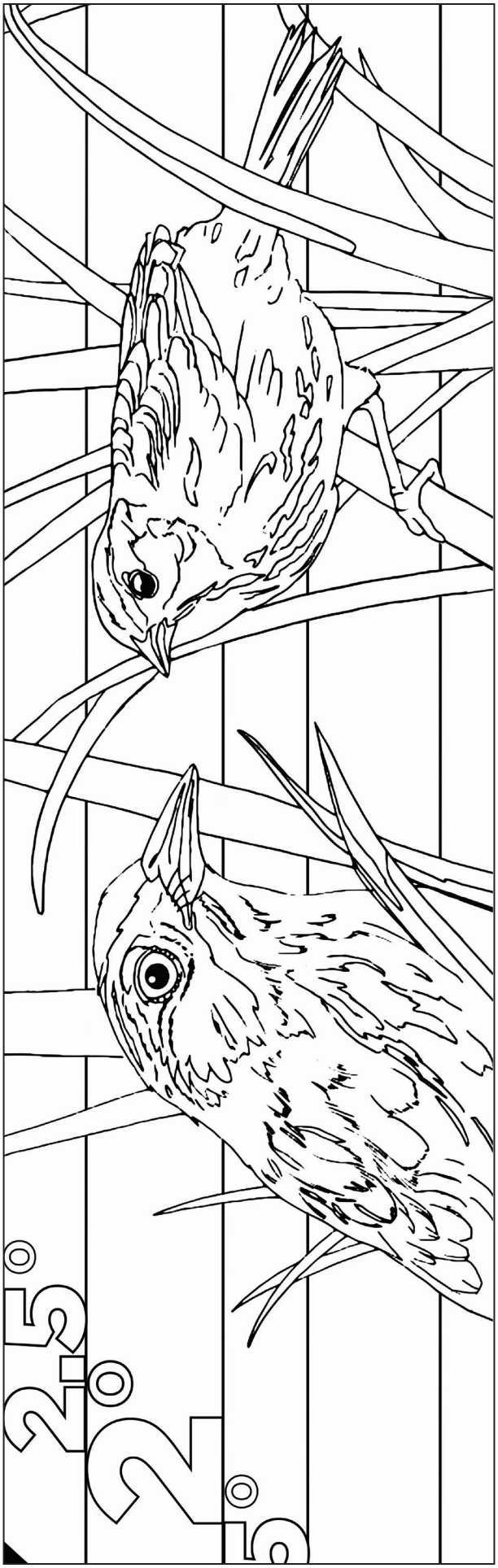
Take action!

Reduce your own plastic and carbon footprint by:

- Eating less meat. - Try meatless Mondays!
- Using less electricity at home
- Saving water
- Using less plastic, and reusing and recycling what you do use
- Using a reusable water bottle and avoiding drinks bottled in plastic
- Bringing your own bag, cup, utensils, straw, etc.
- Choosing reusable and compostable goods over less sustainable materials

Artist statement

"For my artwork, I decided to portray animals protesting the abuse of the ocean. Instead of people holding up the signs, I used sea creatures that come from different parts of the oceans to suggest that while it is helpful that humans are advocating to save the seas, we also need to look at how animals are being directly affected and how to treat each case of pollution. I was inspired to do this to teach others that though each animal living in the ocean will benefit from a general clean-up, some species need specific methods to completely change their home into a better place. A few may also think that when polluted waters are cleaned, their work is complete and the area will remain clean. My art piece was made to inform others that each case of pollution is special, and more careful measures may be needed in a few situations, rather than applying general rules every time." - JieJie Yuan


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“RISING TIDES”

by Sophy Tuttle (Boston, MA | USA)



Mural by Sophy Tuttle on the Mary Ellen Welch Greenway in East Boston (Photograph by Zach Heyman)

What is this mural about? Sea Level Rise and Habitat Loss

The impact of humans on the natural environment is significant and growing, causing changes in biodiversity that have been more rapid in the past 50 years than at any time before in human history. As demographic pressures and consumption levels increase, biodiversity decreases, and the ability of the natural world to continue delivering the goods and services on which humanity ultimately depends may be undermined.

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Take action!

Reduce your environmental impact by:

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- Reduce your carbon footprint and energy consumption.
- Make sustainable seafood choices. Vote for the environment and call your representatives.
- Educate yourself about what's happening to our oceans.

Artist statement

"One of the main problems climate scientists face is getting the public to understand the weight of their research and the potentially dire consequences of climate change. My mural is a form of data visualization that creates an embodied experience from abstract climate numbers. Each horizontal line represents where the sea level will rise to at this spot along the Greenway with a 0.5°C rise in global temperature (according to data from climatecentral.org).

The Saltmarsh sparrow nests in the Belle Isle Marsh, not far from the location of my mural. This year, all seven nests counted by scientists failed due to an unusually high tide in July. As the climate gets more erratic and super tides become more common, the carefully timed nesting pattern of this bird, which once helped to protect it from predation, will become a liability it won't be able to overcome. The Saltmarsh Sparrow is expected to go extinct in the next 50 years." - Sophy Tuttle

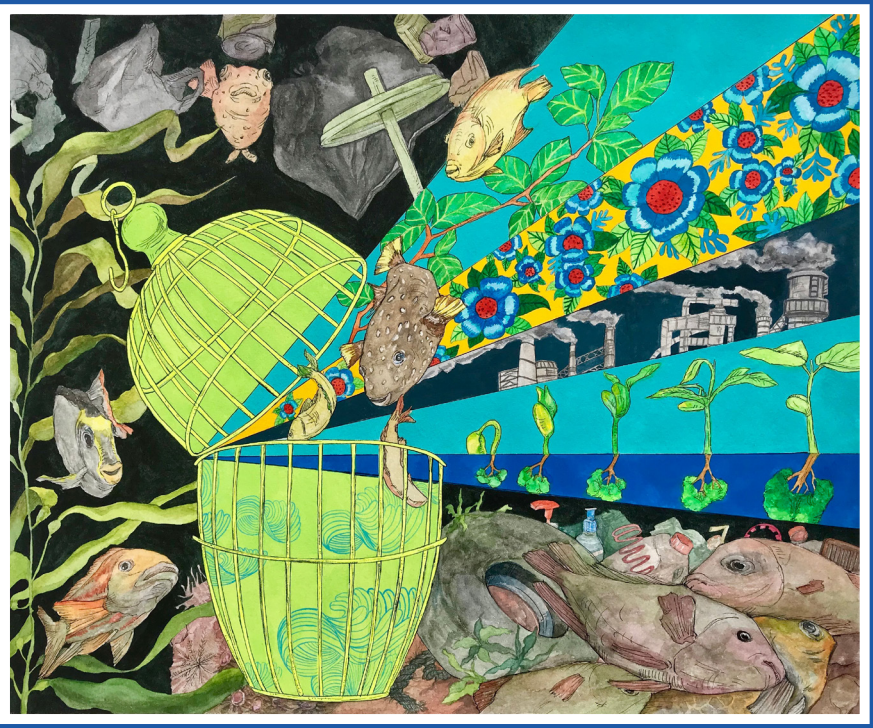


Artwork traced by Yesenia Mejia

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“UNLOCKING THE HOPE”

by Alyssa Jieun Kim (Los Angeles, CA | USA)



Artwork by Alyssa Jieun Kim, Age 13 | 2018, Middle School, Art
Bow Seat Ocean Awareness Programs

What is this artwork about?

Ocean Stewardship

Oceans are the life support system of our planet and humankind. The seas flow over nearly three-quarters of the Earth and hold 97% of the planet's water. Sea plants produce 70% of the oxygen we breathe, that's every second breath we take. The oceans are home to incredible biodiversity and some of the most massive creatures on earth. No matter where you live in the world, from the mountains to the desert, oceans directly affect your life and the lives of everyone you know.

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Once, we thought that we could never take too much out of the oceans, or put too much waste into it. However, now, the sheer number of people on our overpopulated planet who use and depend on the sea, and the sometimes unwise practices we adopt, have created many problems such as overfishing, pollution, acidifying oceans, biodiversity loss, and degradation of marine habitats, among others. We now risk the very ecosystems on which our survival so closely depends.

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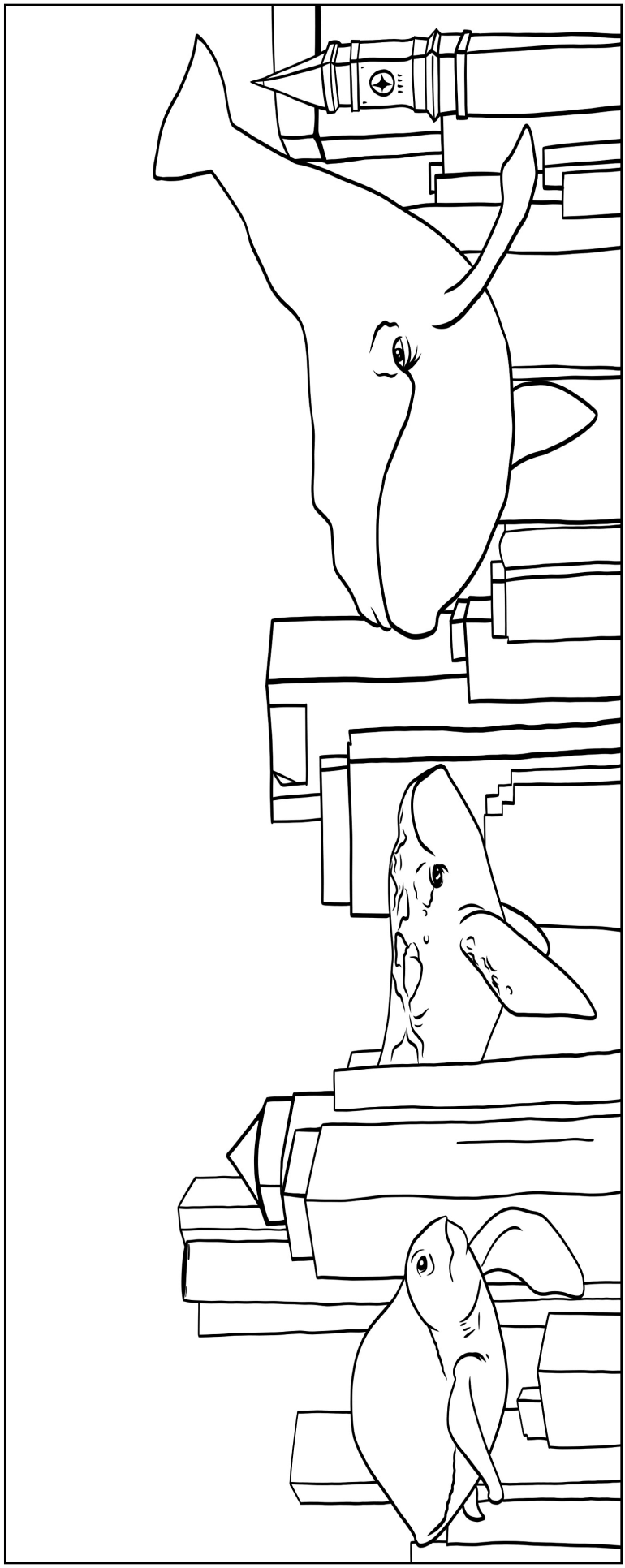
Take action!

Become an ocean steward by:

- Reducing your carbon footprint.
- (Help your parents) vote for ocean-minded candidates.
- Complete these activities to learn more:
  ~ Seafood Watch Educator + Student Resources: seafoodwatch.org
- Choose sustainable seafood that is lower on the food chain (think sardines over tuna).
- Choosing reusable and compostable goods over less sustainable materials.

Artist statement

“Our ocean and sea creatures have been suffering for many years. However, I do see a light of hope for healing and preserving the ocean life through educating and raising awareness. Especially through organizations such as Bow seat, we can educate future generations on the importance of living together with nature. My painting represents unlocking the nature that was once a provider to us, and now it is time to help heal it back closer to where it once was. As we all work together to preserve and heal what's left, I do believe, there is still a lot of hope for our Mother Nature.” - Alyssa Jieun Kim



Artwork traced by Yesenia Mejia

This mural was envisioned and realized by teen creative leaders who, under the mentorship of Artists for Humanity (AFH) co-created this large-scale, environmental artwork. We would like to thank Linda Cabot for engaging and sponsoring AFH for this project and creating the space for the voices of our future leaders.

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“HOPE AND RESISTANCE”

by Artists for Humanity (Boston, MA | USA)



Mural by Artists for Humanity on the Mary Ellen Welch Greenway in East Boston (Photograph by Anna Yeroshenko)

What is this mural about? Humanity's responsibility to protect our environment

The impact of humans on the natural environment is significant and growing, causing changes in biodiversity that have been more rapid in the past 50 years than at any time before in human history. As demographic pressures and consumption levels increase, biodiversity decreases, and the ability of the natural world to continue delivering the goods and services on which humanity ultimately depends may be undermined.

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Take action!

Protect your natural resources by:

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- Choosing reusable and compostable goods over less sustainable materials.

Artist statement

“When AFH arrived at the wall in East Boston with our teen artists to paint our mural, we found that someone had written "hope and resistance" on the wall designated for AFH to transform and illustrate the need for environmental action. Hope and Resistance captured our design intent and is an important message for all. We did not want to eliminate it so we made it the title of the piece.

We hope that everyone can dedicate themselves to a sustainable way forward that is considerate of all Bostonians including the endangered species that live in Boston Harbor, and that all of our citizenries can resist the urge to overdevelop our shoreline and overfish its waters for the benefit of our global community.

These spirit-like renditions of some of the endangered species that inhabit the Atlantic Ocean floating above the Boston skyline are meant to inspire young people to recognize the need for their participation and inspire them to take action in defense of our coastal environments.” - Artists for Humanity

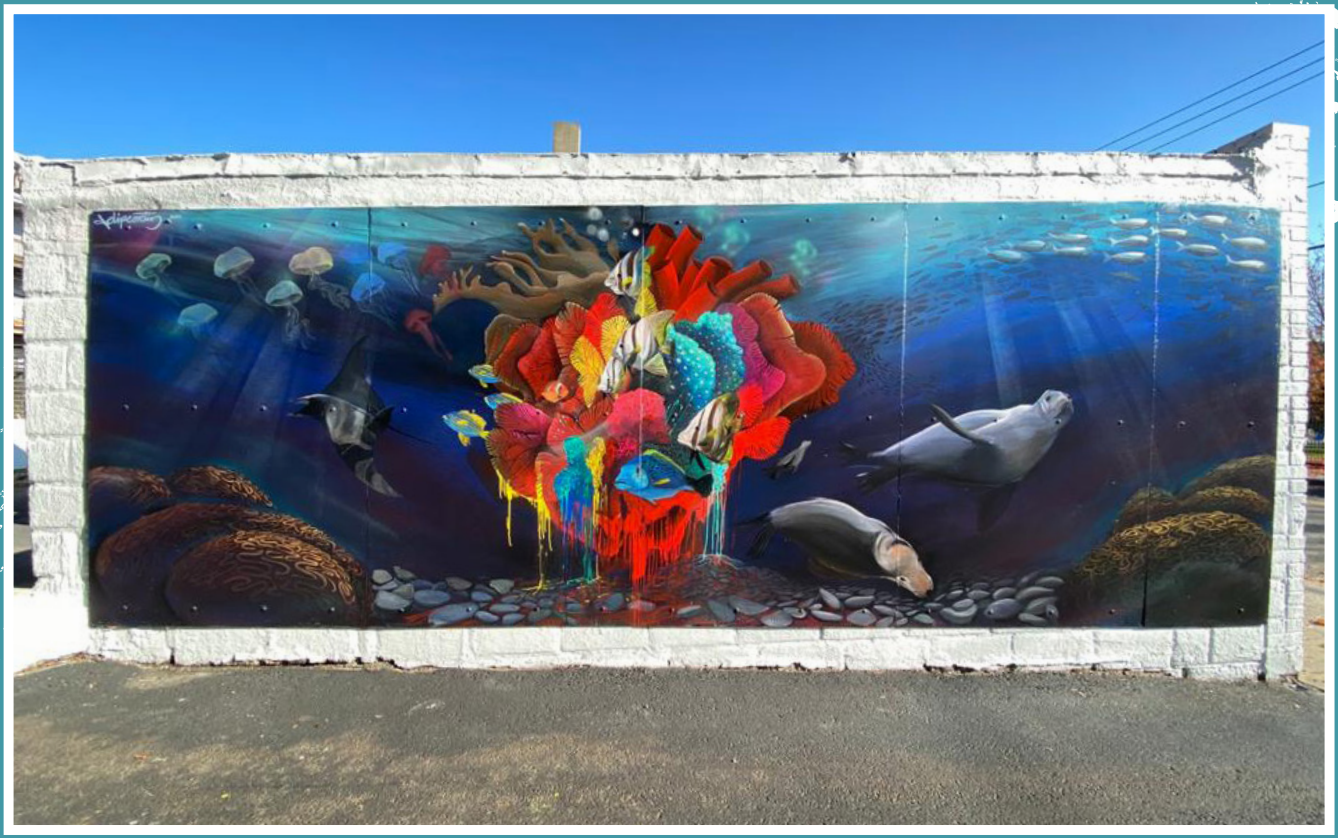
You can harness your creativity for the oceans, too. What would "The Heart of the Ocean" look like to you? Let's paint for a purpose!

Share your own original design with us! Tag #SeaWallsBoston when you post a photo of your work!

HarborArts
Bow Seat
Ocean Awareness Programs
SUSTAINABILITY EDUCATION ECOLOGY DESIGN
PANGEA SEED
FOUNDATION

“THE HEART OF THE OCEAN”

by Felipe Ortiz (Boston, MA | USA | Colombia)



Mural by Felipe Ortiz at 260 Bremen Street in East Boston (Photograph by David Lank)

What is this mural about? Warming Seas

Warming seas are a globally-pressing issue facing the body of water by which the city sits: the Gulf of Maine. The Gulf of Maine is the fastest warming body of water in the United States, which has many harmful consequences for the local ecosystem, and causes cold water marine species in the US to migrate to colder waters. For economies like New England's, which depend on fish and shellfish as a food source, this leads to a serious impact on humans as well. "The Heart of the Ocean" also touches on ocean acidification, which has devastating implications for the health of calcifying organisms such as oysters, clams, sea urchins, shallow water corals, deep sea corals, and calcareous plankton. The same issues that are destroying coral reefs and causing biodiversity to disappear all over the world also affect us right here at home. This mural seeks to represent how our oceans are all connected to each other and to us.

Take action!

Reduce your own carbon footprint by:

- Eating less meat, and only sustainable seafood. - Try meatless Mondays!
- Using less electricity at home.
- Saving water.
- Using less plastic, and reusing and recycling what you do use.
- Eating only sustainable seafood.
- Choosing to walk or bike instead of using the car.
- Choosing reusable and compostable goods over less sustainable materials.

Artist statement

"It's not front of mind for a lot of us, but the Gulf of Maine is the fastest warming body of water in the United States, which is causing many of the cold water marine species in the US to migrate to colder waters. The same issues that are destroying coral reefs and causing biodiversity to disappear all over the world also affect us right here at home. This mural will represent how our oceans are all connected." - Felipe Ortiz



A Creative Coloring Companion to Help Save Our Seas

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