



# OCEAN WISE SEA DOME LOCAL PROGRAM

**Schools and Camps**  
*Recommended for grades 1-7*

## PROGRAM OVERVIEW

The Ocean Wise Sea Dome is a **travelling national climate education program** highlights the wonders of our ocean, the challenges it is facing, and how we can protect it. Inside the portable, inflatable six-metre dome, participants are immersed in breathtaking 360-degree 4K cinematic footage that reveals the deep connections between ocean health, climate change, and our everyday lives. Supported by expansive artifact modules and the Sea Dome, our expert educators, inspire and encourage participants to take action to make a difference for our environment in their everyday lives.

The Ocean Wise Sea Dome Experience includes **three exciting stations** where guests will learn about various animals and ecosystems, current issues facing them, and have a chance to handle and view numerous artifacts to bring the experience to life.

## PROGRAMS OFFERED

### Pacific Species Program

- **Coastal Sea Dome Station:** Participants will be virtually taken under the sea to explore the depths of the Pacific Ocean. From warm waters to the cooler coastline, delve into life below the surface! Guests will hunt with cuttlefish over sea grass, coast over coral reefs with sea turtles and sharks, feed with humpback whales off the coast, swim with sea lions

This project was undertaken with the financial support of the Government of Canada.

**Canada**

We need the ocean, the ocean needs us – [ocean.org](https://ocean.org)

**OCEAN  
WISE**



in kelp forests, and dive deep with opalescent squid. Participants will immerse themselves into the wild world of our ocean without ever getting wet!

- **Pacific Northwest Artifact Station:** Experience the wonders of the temperate ocean off the coast of British Columbia! Let our educators guide you through lush kelp forests and learn about the delicate ecosystem balances that let these underwater forests thrive. Touch a sea otter pelt, hold a sea urchin, and explore various invertebrates that call our beaches home. Learn about the difficulties these animals and ecosystems face every day right before our eyes and how we can help support and protect our own backyard.
- **Tropical Pacific Artifact Station:** Migrate into a warmer climate at our Tropics and Whales station. An enticing array of artifacts greets our guests as a representing the wide biodiversity found in warmer waters. Individuals will learn about coral reefs, the turtles and sharks that call these reefs home, and the variety of challenges they face. Learn how the coral reefs protect our ocean, how whales – the masters of migration – also support the health of our ocean and its ecosystems, and what part people can play in supporting the health and wellness of the ocean and all its inhabitants.

### Intertidal Program

- **Tides Sea Dome Station:** Tiptoe into the shallow end of the ocean with this immersive video. Starting in the mountains, explore how freshwater streams are connected to the ocean by following the lifecycle of salmon. Travel from the valley floor to the skies, then dive into the waves to explore the adaptations necessary to survive in this critical ecosystem! From eagles to orca whales discover the wonders of our coastlines and learn about this treasure trove right at our fingertips. Witness bears fish, sea otters play and soar over the Fraser River Valley in this intertidal exploration!
- **High Intertidal Artifact Station:** Explore where the ocean meets lands to understand life in the tides. Freshwater turns to saltwater in this diverse zone. From birds to barnacles, dig into an area defined by the gravitational pull of the moon. Participants will learn about the vast array of tidal zones around the world, from beaches to wetlands, and how these ecosystems act as a meeting place for creatures on land, in the skies, and underwater! Travel from the splash zone to the high-intertidal, examining life in the in-between.
- **Low Intertidal Artifact Station:** Learn about what it takes to survive in all kinds of intertidal environments and how we can safely interact with these critical ecosystems! Living in the mid-low intertidal zone isn't easy, but our educators will guide you through all the incredible ways these creatures adapt to their homes and the important jobs that they play! From squishy sea cucumbers to spiky sea urchins, imagine wading through tide pools to find creatures waiting to be discovered!

## SCHEDULE OPTIONS

**A program schedule is required to confirm the booking.** We follow your school/camp timetable and will arrive approximately forty minutes to one hour before your desired start time to allow ample time for set up. At the end of the day, we require approximately 45 minutes to pack up and vacate the space.

Program blocks for schools/camps in the Lower Mainland of BC may vary, depending on where your school/camp is located.

Dependent on the staff available to deliver the program, we offer **two different schedules**. Teachers/educators can combine participants from different grades in the same group to reach 25 participants per station, ideally close in age so we can tailor the presentation to their learning level.

### One group per hour

- Number of Ocean Wise staff: 2 staff.
- **Capacity:** 25 participants per hour, maximum of 150 participants per day. The Sea Dome can fit 25 children or 20 adults; if the program is booked for youth (ages 12+) or adults, the group size would be 20 people.
- **Includes:** Inflatable Ocean Wise Sea Dome and 2 artifact stations.
- **Duration:** 45 minutes per block, 15 minutes per station.
- **Schedule:** We can run up to 6 back-to-back sessions per day. For a half day program, we require at least 3 back-to-back sessions.
- **Sample schedule** (program start time and end time are set by the school/camp):

Program start time	Program end time	Educator name/ Divisions	Grade Level(s)	No. Participants (Max 25)
9:00 am	9:45 am	Ms. A	1	25
9:45 am	10:30 am	Mr. C	3	22
10:30 am	11:15 am	Mrs. G	K	18
11:15 am	12:00 pm	Ms. K	2	24
OCEAN WISE STAFF LUNCH BREAK (minimum 45 minutes)				
12:45 pm	1:30 min	Mr. F	5	21
1:30 pm	2:15 pm	Ms. J	6	20

## Two groups per hour

- **Number of Ocean Wise staff:** 3 staff.
- **Capacity:** 50 participants per hour, maximum of 300 participants per day. The Sea Dome can fit 25 children or 20 adults; if the program is booked for youth (ages 12+) or adults, the group size would be 20 people.
- **Includes:** Inflatable Ocean Wise Sea Dome and 2 artifact stations.
- **Duration:** 45 minutes per block, 15 minutes per station.
- **Schedule:** We can run up to 6 back-to-back sessions per day. For a half day program, we require at least 3 back-to-back sessions.
- **Sample schedule** (program start time and end time are set by the school/camp):

Program start time	Program end time	Educator name/ Divisions	Grade Level(s)	No. Participants (Max 25)
9:00 am	9:45 am	Ms. A	1	20
		Ms. B	2	23
9:45 am	10:30 am	Mr. C	3	25
		Ms. L	K	25
10:30 am	11:15 am	Mrs. G	K	22
		Mr. T	1	25
11:15 am	12:00 pm	Ms. K	2	25
		Ms. Z	3	23
OCEAN WISE STAFF LUNCH BREAK (minimum 45 minutes)				
12:45 pm	1:30 min	Mr. F	5	25
		Ms. V	4	23
1:30 pm	2:15 pm	Ms. J	6	22
		Ms. H	7	25



## NO SPACE FOR THE DOME?

No problem! We have a plethora of artifacts to share and can set up. Choose three modules from Tropics, Arctic, Intertidal, Marine Mammals, and BC Coast programs for our educators to bring to life at your school/ camp or community event!

### Arctic

Adults and children alike will marvel at the enticing artifacts at our Arctic station. Guests are invited to sit around our Arctic map that illustrates how our sea ice has changed over time to help participants really visualize how this landscape is changing. Learn about the connections the Inuit hold to this wild ecosystem, how people have learned to thrive by copying the animals that roam this snowy landscape. Explore the many adaptations that make this ecosystem possible; the thick, fluffy fur of an Arctic Fox, the strong jaws of the Polar Bear, the sleek pelt of the Ringed Seal, and the unassuming Arctic Cod that feeds the masses in this magical region. Through these artifacts, discover the role of each player in maintaining ecosystem health and fighting climate change, and learn what humanity can do to help in this fight.

### Tropics

Migrate into a warmer climate at our Tropics and Whales station. An enticing array of artifacts greet our guests as a representation of the wide biodiversity found in warmer waters. Individuals will learn about coral reefs, the turtles and sharks that call these reefs home, and the variety of challenges they face daily. Learn how the coral reefs protect our oceans, how whales – the masters of migration – also support the health of our ocean and its ecosystems, and what part people can play in supporting the health and wellness of the ocean and all its inhabitants.

### BC Coast

Experience the wonders of the temperate ocean off the coast of British Columbia! Let our educators guide you through lush kelp forests and learn about the delicate ecosystem balances that let these underwater forests thrive. Pet a sea otter, hold a sea urchin, and explore various invertebrates that call our beaches home. Learn about the difficulties these animals and ecosystems face every day right before our eyes and how we can help support and clean up our own backyard.



## Intertidal

Explore where the ocean meets lands to understand life in the tides. Learn about what it takes to survive in all kinds of intertidal environments and how we can safely interact with these critical ecosystems! Participants will learn about the vast array of tidal zones around the world, from beaches to wetlands, and how these ecosystems act as a meeting place for creatures on land, in the skies, and underwater! From squishy Sea Cucumbers to spiky Sea Urchins, imagine wading through tide pools to find creatures waiting to be discovered! Travel from the splash zone to the low-intertidal, examining life in the in-between.

## Marine Mammals

Explore the mechanics of some of the largest, yet most elusive creatures on our planet. These majestic creatures traverse expanses from the warmest regions of our planet to the coldest. Follow multiple whale species on their migratory journeys: the deep dive of the sperm whale, the feeding habits of the humpback, and the stealth and cunning of the toothy Orca. Learn how these majestic individuals feed and support nearly every ecosystem in our ocean, from the shoreline to the deepest depths, and all the creatures that call these ecosystems home.


## ACCESSIBILITY

### Our program is accessible.

We offer adapted programming for children with exceptionalities, please discuss this option when booking. We are also able to accommodate mobility aids (crutches, wheelchairs, etc.) in our Sea Dome. For any special requests please e-mail us at [mobile@ocean.org](mailto:mobile@ocean.org)

## REQUIREMENTS

- A member of staff is required to be with the Ocean Wise team at all times.
- The Sea Dome is four metres tall by six metres in diameter and requires an indoor space and power outlet to set up. The ideal space for setting up is in a gym or other expansive, high-ceilinged space. Please make sure there are no additional users of this space on the date of your booking.

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- Our vehicle needs space to park it safely, preferably as close to the presentation space as possible. Underground parking must be above 8 ft 10 inches (2.7 metres).
  - Some of our equipment is very heavy, so we require a ramp for loading and unloading.
  - Before the visit you'll receive our booking documentation, which includes our registration, program schedule, waiver, and photography release form. All are required to confirm the booking. We will arrive at the venue approximately one hour before your desired start time to allow ample time for set up. At the end of the day, we require approximately 45 minutes to pack up before the space will be available to another user.

Together with their peers, learners across Canada can create a wave of positive change from coast to coast! To book your [Ocean Wise Sea Dome](#) visit, please visit [Experience the Ocean Wise Sea Dome - Ocean Wise](#).

The [Sea Dome program](#), an Ocean Wise Youth Initiative, gratefully acknowledges financial support from the Government of Canada. In partnership with: [GreenLearning](#), [TakingITGlobal](#), and the [Centre for Global Education](#).

Ocean Wise is a non-profit organization whose mission is to empower communities and individuals to take action to protect and restore our ocean. Learn more at [ocean.org](#)