



## YOUTH TO SEA

Leadership Program | Work Experience Program

**STUDENT & TEACHER GUIDE**





# YOUTHTOSEA LEADERSHIP PROGRAM

## OVERVIEW

At YouthToSea, our mission is to coach youth (ages 15-18) and give them opportunities to develop their problem-solving, critical-thinking and communication skills. By engaging with their local communities through learning journeys, workshops, WEX placements, and ocean service projects, we help equip young people with the skills, tools, and strategies they need to be active decision-makers in their local, regional, and national communities.

Through this 5-month program youth will engage with their local community to make a connection between themselves, their community, and our oceans. YouthToSea brings together 80 youth from the lower Mainland of Vancouver to provide them with opportunities to develop their ocean conservation knowledge and personal skills.

Students will receive coaching calls with program leaders to support them throughout their time in YouthToSea. By the end of this program the students are expected to have completed 120-service hours that will be logged throughout the 5-months. This is a fully funded program with no cost to program participants.

The 2022 cohort will have our leadership program but also offer 5 WEX Placement streams. This guide outlines the differences between the classic program and the WEX streams as well as offering a guide to what to expect from both programs.

All applications information will be kept up to date on our website at <https://ocean.org/learn-explore/youth-programs/youthtosea/>. You can also find us on Instagram @youthtosea and @oceanwiseyouth to keep up with youth projects.

The direct link for applications can be found here:  
<https://forms.office.com/Pages/ResponsePage.aspx?id=sA6VaTqoqkqZ8mrKVavglmgE0xjBhhBNtAe9qmqLgPitUNUIUQ0hFSzhVWkxEVEFHUIE5UTBOVFY4TiQIQCN0PWcu>

**Key Dates: Mandatory for all programs**

- April 12 – Applications open
- April 24 – Applications close
- May 2 – Program begins
- May 7 – Online Orientation
- May 13-15 – Overnight Training Trip @ Camp Jubilee, North Vancouver
- September 25 – Final Celebration and Showcase Event
- October 10 – Program Finish, Final Evaluations Completed



## 2022 LEADERSHIP PROGRAM

## OVERVIEW

The YouthToSea Leadership Program will bring together 30 youth from the lower mainland to increase their ocean literacy, explore blue economy career paths, develop a culture of service, and increase their employability skills. Participants will gain invaluable experience through 3 key aspects of the program: (1) Immersive Learning Journeys (2) Skill Building Workshops, and (3) Ocean Service Projects.

### Immersive Learning Journeys

Through experiential learning, Learning Journeys provide an opportunity in which youth can gain valuable knowledge and experience in science-based career paths. All Learning Journeys include a reflection component in which youth can express their thoughts and what they learned about during their experiences. All learning journeys are connected to Ocean Wise's conservation strategy pillars: Climate Change, Unsustainable Resource Use and Pollution. Examples of past Learning Journeys include:

- Kayak & Water Sampling: Kayak at Deep Cove and learn how to take water samples and analyze them for common water quality indicators
- Sailing on the Providence Sailboat: Board a 120-year-old sailboat and learn about the many disciplines of oceanography while taking biological samples
- Invasive Plant Pull: In collaboration with various community ecological societies, come learn about the effects of invasive species and their effects on the ecosystem



- Cheakamus Centre: Learn first-hand about the importance of salmon and wild plants from the perspective of the Skwxwu7mesh nation

## Skill Building Workshops

YouthToSea hold monthly Workshops focusing on an array of topics. All workshops are designed for participants to build and develop soft skills that can be used in all aspects of life. They also bring a sense of community as well as build on confidence. Experiential learning is key to our program, and we provide hands on activities and games to promote learning. The workshop topics in the past include:

- Action Planning
- Communication & Public Speaking
- Problem Solving & Conflict Resolution
- Resume Building & University Applications
- Government Relations & Writing your MP

## Ocean Service Projects

As part of this program, we encourage our participants to create their own ocean service project to address a conservation issue they see in their own community. The ocean service project can be whatever the student is interested in and Ocean Wise will provide resources to help with these projects. These include one on one mentorship and access to grant funding as well as connections to community partners to collaborate with. Ocean Service Projects are an opportunity for participants to exude their creativity and to demonstrate their passion towards conservation. Examples of service projects include youth led shoreline cleanups, waste-free workshops, film screenings, facilitating school clubs, replenishing and re-cultivating school gardens and campaigning to make their schools single-use plastic free.

## Key Dates:

\*For activities with multiple days students will choose one day to attend. These activities are optional, but highly encouraged

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| <ul style="list-style-type: none"><li>• June 11 – World Oceans Day Cleanup</li><li>• June 18/19 – Kayaking Excursion @ Deep Cove</li><li>• July 8 – Shoreline Cleanup</li><li>• July 14 – Action Planning Session</li><li>• July 20– Public Speaking Workshop</li><li>• July 28/29/30/31 – Sailing Excursion @ Horseshoe Bay</li><li>• August 8 – Shoreline Cleanup</li></ul> | <ul style="list-style-type: none"><li>• August 10/11/12 – Invasive Species Excursions @ Stanley Park/MacKay Creek</li><li>• August 25– Leadership Workshop</li><li>• September 1– Resume/University Application Workshop</li><li>• September 17/18 Food Forest Excursion</li></ul> |
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## 2022 WORK EXPERIENCE PROGRAM

### OVERVIEW

In 2022 we are offering the opportunity to do work experience placements (WEX) within YouthToSea. In accordance with the B.C. Ministry of Education requirements, we offer immersive, inspiring, and valuable WEX experience for our participants specialized in science-based career paths. Participants will get one-on-one time with YouthToSea Program Specialist where they can discuss and reflect upon their own career aspirations and performances. YouthToSea will be offering 5 WEX opportunities with 54 total spots available.

Students in the WEX placements will also be a part of YouthToSea Leadership Program, but YouthToSea events outside the dates listed below for each placement are **optional activities** to take part in and WEX students will not need to complete a personal Ocean Service Project.





## Marine Survey Placement

YouthToSea's Marine Survey Placement will create a team of 12 students to complete an invertebrate monitoring project focused on sea-star wasting and invasive species. Students will learn how to set up a research project, conduct environmental surveys and identify a variety of marine invertebrates. Students will complete 120 hours of volunteer work during this placement.

Designed for students interested in [biology](#), [zoology](#), or [marine science career tracks](#). Field locations around Metro Vancouver, Office work at Ocean Wise Headquarters, 440 Cambie Street.



### Key Dates: All shifts 9:00am – 4:00pm

- July 4<sup>th</sup> – In Office Training
- July 5<sup>th</sup> – In Office Project Design
- July 6<sup>th</sup> – Field Training
- July 7<sup>th</sup> – Field Surveys
- July 8<sup>th</sup> – Field Surveys
- July 11<sup>th</sup> – Field Surveys
- July 12<sup>th</sup> – In Office Data Review
- July 13<sup>th</sup> – Wrap Up & Presenting Scientific Data



## Wetland Survey Placement

YouthToSea's Wetland Survey Placement will give 12 students hands on experience conducting scientific monitoring projects. Students will learn how to set up a research project, conduct environmental surveys and identify a variety of wetland invertebrates, plants, and birds. Students will complete 120 hours of volunteer work during this placement.

Designed for students interested in **biology, zoology, or environmental science career tracks**. Field locations around Metro Vancouver, Office work at Ocean Wise Headquarters, 440 Cambie Street.



### Key Dates: All shifts 9:00am – 4:00pm

- August 15<sup>th</sup> – In Office Training
- August 16<sup>th</sup> - In Office Project Design
- August 17<sup>th</sup> – Field Training
- August 18<sup>th</sup> – Field Surveys
- August 19<sup>th</sup> – Field Surveys
- August 22<sup>nd</sup> – Field Surveys
- August 23<sup>rd</sup> – In Office Data Review
- August 24<sup>th</sup> – Wrap Up & Presenting Scientific Data



## SeaSmart Camps Placement

Sea Smart is an ocean education charity that works to educate, inspire and empower children and youth to take action to protect our oceans. YouthToSea's Sea Smart Camps WEX Placement will give students hands on experience working in an ocean science and education setting. Students will support Camp Educators with running science day camps for elementary school aged children as part of [Sea Smart's summer camps](#) program. Students will learn group management, facilitation, leadership skills, and gain experience leading educational activities. Students will complete 120 hours of volunteer work during this placement.



Designed for students interested in [early childhood education, teaching or environmental science career tracks](#). Camp locations will be at Kitsilano Beach, Acadia Beach or Trout Lake Park.

### Key Dates:

#### Placement A:

- Training Saturday June 25 9:00am – 4:00pm @ Kitsilano Beach
- **July 4<sup>th</sup> – 8<sup>th</sup>**; 8:30am – 4:30pm
- **July 11<sup>th</sup> – 15<sup>th</sup>**; 8:30am – 4:30pm

#### Placement B

- Training Saturday June 25 9:00am – 4:00pm @ Kitsilano Beach
- **July 18<sup>th</sup> – 22<sup>nd</sup>**; 8:30am – 4:30pm
- **July 15<sup>th</sup> – 29<sup>th</sup>**; 8:30am – 4:30pm



**Sea Smart**



## Plastic Research Placement

YouthToSea's Plastic Research Placement will give 10 students hands on experience on working in a non-profit ocean conservation environment. This placement will involve creating a research plan, attending and hosting shoreline cleanups, sorting material to send to plastic shredding facilities and analyzing data to create infographics. Students will have the opportunity to work with Ocean Wise Researchers to learn about research processes, data management. Students will complete 120 hours of volunteer work during this placement.

Designed for students interested in [research](#), [project management](#) or [environmental science career tracks](#). Cleanups will take place across Metro Vancouver.

### Key Dates:

- June 4<sup>th</sup> – Office Training Day
- June 11<sup>th</sup> – World Oceans Day Cleanup
- July 8<sup>th</sup> – Cleanup & Data Day
- July 14<sup>th</sup> – Cleanup & Pacific Science Enterprise Centre Lab Tour
- August 8<sup>th</sup> – Cleanup
- August 19<sup>th</sup> – Cleanup
- August 24<sup>th</sup> – Office Wrap Up Day

\*Students will also have to complete some work for this placement on their own time between dates\*



## Communications Placement

YouthToSea's Communications Placement will give 4 students hands on experience on with content creation through photography, videography, editing and blog writing. This placement will involve attending YouthToSea events documenting activities and creating posts and materials for our social media accounts and website. Events include a variety of outdoor excursions and workshops. Students will complete 120 hours of volunteer work during this placement.



This placement is designed for students interested in [communications](#), [creative arts](#), [filmmaking](#), or [nature photography career tracks](#). Excursions take place across Metro Vancouver as well as in the Squamish Valley.

- May 17<sup>th</sup> – Communication Training 5:30pm – 7:30pm
- May 26<sup>th</sup> – Rafting Pre-Trip Meeting 6:00pm – 8:00pm
- May 28<sup>th</sup> – White Water Rafting @ Squamish
- June 11<sup>th</sup> – World Oceans Day Cleanup
- June 18<sup>th</sup> – Kayaking Excursion @ Deep Cove
- July 8<sup>th</sup> – Shoreline Cleanup
- July 28<sup>th</sup> – Sailing Excursion @ Horseshoe Bay
- August 8<sup>th</sup> – Shoreline Cleanup
- August 10<sup>th</sup> – Invasive Species Pull Excursion @ North Vancouver
- September 17<sup>th</sup> – Food Forest Excursion @ Vancouver

\*Outside of these dates' students will work editing and creating content using the photos/films/interviews completed on excursion days\*



## Staff Contacts & Applications

Ocean Wise has 3 YouthToSea program specialists and a Program Manager that will work one-on-one with the students as they complete the program. We are happy to provide site-visits for teachers on any of the dates outlined in the placements or pre-placement site visits at our office. Staff will complete all accompanying WEX paperwork and complete student evaluations at the end of the program by October 10<sup>th</sup>, 2022.

If you would like to discuss this program for an individual student, please contact us at [youth@ocean.org](mailto:youth@ocean.org) and one of our staff will set up a meeting.

More information and past projects can be found on our website <https://ocean.org/learn-explore/youth-programs/youthtosea/>

Applications for all programs are done through the same form. Students will be asked to identify which program they wish to apply to. Students can apply to more than one stream and rank their choices. Applications are due on **April 24<sup>th</sup>, 2022**. Late applications will not be accepted.

Application Link:

<https://forms.office.com/Pages/ResponsePage.aspx?id=sA6VaTqogkgZ8mrKVavglmgE0xjBhhBNtAe9qmLgPItUNUIUQ0hFSzhVWkxEVEFHUIE5UTBOVFY4TiQIQCN0PWcu>

