

Free Online Canadian Ocean Education Resources

Collected by the Canadian Network for Ocean Education

Name	Type of Resource	Description of Resource	Region	Languages
Online Ocean by OceanWise	Crafts Activities Livestream Events	New compilation of various Ocean Wise resources that can be completed from home. Broken up into: ages 2-12, 13-18, all ages, and teachers.	Pacific Canada	- English
Learn From Home by Ocean School	Activities Videos Virtual Reality Augmented Reality	Weekly lesson plans with Ocean School resources that can be accessed with no sign in. Content it made for ages 11-15 but is adaptable for any age!	Atlantic Canada Pacific Costa Rica	- English - French - Spanish
Learning From Home by Ocean Networks Canada	Activities Labs Webinars Instructional Videos	Easy access to a variety of resources to help one be connected to the ocean even from home! Updated periodically, resources are organized into: K-12, Post-Secondary, Life Long Learner and Citizen Scientists.	Pacific Canada	- English
Exploring By The Seat of Your Pants	Virtual Field Trips Live Scientist/Explorer interviews	Explore the world from your home! Sign up for a camera spot for the opportunity to interact with incredible explorers! All live stream videos are available on YouTube after broadcast too! For all ages!	World	- Mostly english
Live it	Live Scientist/Explorer interviews Online game Online games	Themed weeks with live streams with experts, online games, and at home challenges. Perfect for kids in grade 3 to 6. Sign up in advance to get a spot!	World	- English
Ripley's at Home by Ripley's Aquarium of Canada	Activities Crafts Live Events	Watch a live shark feeding or do a fin-tastic ocean craft. Resources for: Pre-K, Elementary, and Middle school aged kids	Canada USA	- English
Our Ocean in Covid-19 by eOceans	Citizen Science	Download the app and become a citizen scientist as they track changes in our ocean during Covid-19.	Canada	- English
Virtual Sea School by Sea Smart	Virtual Lessons Activities	Geared to kids in grades 2-4, journey through the Ocean Defender course with virtual lessons!	Pacific Canada	- English
Online Classroom by Canadian Geographic	Activities, and lesson plans	Resources for students for all ages; includes activities, lesson plans, infographics, and videos.	Canada	- English - French
A Facebook Group by Seaquaria Ocean Education	Activities, resources, and livestreams	Facebook group for those who use Seaquaria educational tools	Canada	- English - French
Educator Resources by Seaquaria Ocean Education	Activity sheets, lesson plans, visual aids, and info sheet	Lesson plans, visual aids, activities, and info sheets available for download for students of all ages on the website.	Canada	- English - French
Polaris: Deep Dive by SuperNOVA at Dalhousie University	Activity guide, worksheet, and videos	Watch a Remotely Operated Vehicle Dive, and help collect data for the marine species found around the Halifax Regional Municipality using the SuperNOVA identification sheets	Nova Scotia	- English

<u>BMSC Live by Bamfield Marine Science Centre</u>	<u>Virtual field trip</u>	The BMSC Education Team will be providing online virtual field trips (for free) over the next few months. Topics will include marine invertebrates, plankton, fish, a trip on the MV Alta, and more!	BC	- English
<u>Hakai Institute</u>	<u>Videos</u>	A closer look at the remarkable creatures and plants that live on the coast of British Columbia, Canada.	BC	- English
<u>Scientist in Residence Program</u>	Lesson plans (hands on)	The Scientist in Residence Program's mission is to inspire children with extraordinary science. This program is based on the partnerships that develop between teachers and scientists, and their sharing of knowledge and passion for both teaching and science.	BC and Beyond	- English
<u>Science At Home by Ingenium</u>	Lesson plans (hands on)	An array of engaging and online resources — perfect for parents, teachers, and students. Browse online educational programs by museum name or by type. Explore new spaces through our virtual tours, or visit digital exhibitions through Ingenium's partnership with Google Arts & Culture.	National	- English
<u>Mission: Protect our oceans by NSERC: Little Inventors</u>	Crafts	The United Nations is launching the Decade of Ocean Science for Sustainable Development in 2021. Canadian kids can think up and draw invention ideas to protect the oceans. Get involved now!	National	- English - French
<u>Junior SeaDoctors by SeaDoc Society</u>	Lesson plans	Bring the ecosystem to your classroom with this Explore the Salish Sea curriculum.	BC	- English
<u>Pacific Salmon Foundation</u>	Crafts, videos	Check out these resources developed by educational consultant Krystal Pyke as a part of the Salish Sea Marine Survival Project. Learn more about the Salish Sea and salmon!	BC	- English
<u>Stream to Sea by Fisheries and Oceans Canada</u>	Lesson plans and activities	Curriculum and programs to support Educators who wish to help students (k-12) learn more about the watery world, from Stream to Sea.		- English - French
<u>Ikanawtiket</u>	Website with videos <u>Active Facebook page</u>	IKANAWTIKET, advances education by undertaking research that is made available to the public, provides training/instruction, offers courses, seminars, conferences, meetings, and develops educational tools related to the field of the environment.	Nova Scotia	- English
<u>PHMA Online by Petty Harbour Mini Aquarium</u>	Videos, comics, booklets for purchase	Meditation videos, tide pool exploration/storytime videos, aquatic comics, activity booklets, interviews/aquarium archive videos	Newfoundland	- English
<u>American Resources</u>			USA	

<u>An Incredible Journey by NOAA's Fisheries West Coast Region</u>	Illustrated book, board game, and lesson plans	A downloadable illustrated book, board game, and accompanying lessons to foster enthusiasm for fish and habitat. The book includes a section interviewing inspiring youth stewards who are taking action to protect salmon and salmon habitat	USA	- English - Spanish
<u>Webinars by Ocean Protection Advocacy Kids</u>	Webinars and activities	A webinar series directed towards youth with an ocean protection approach. Also includes worksheets and further learning resources.	USA	- English