



OVERVIEW - WHALES & SEAFORESTATION OCEAN WISE DISCOVERY KIT

Land Acknowledgment

We acknowledge and are grateful that many Ocean Wise employees work and play on the traditional, ancestral and unceded territories of the x^wməθk^wəyám (Musqueam), Skwxwú7mesh (Squamish), and səliiwətaʔt (Tseil-Waututh) peoples.

Overview

Thank you for taking the opportunity to explore the Ocean Wise Whales and Seaforestation Discovery Kit. We have built this kit to incorporate big ideas and learning standards from the British Columbia curriculum with a focus on the sciences.

The Whales kit includes hands on artifacts, lessons for the classroom, discussion questions, keywords, and additional ideas for activities and ways to engage your class and plant the seed of ocean conservation in the next generation. Included in the kit is a link to a [Google Drive folder](#) that also features virtual versions of all these resources for ease of use and printing. In addition to the hands-on artifacts, we have included a full lesson plan that incorporates many of these artifacts in the kit and can easily be modified to fit its audience. Activity sheets, word searches and additional discussion questions to extend the lessons are also included. Within the lesson plans we have also included rubrics with each grade's big ideas and learning competencies to make it easier for teachers to incorporate the kits within the classroom.

We hope you enjoy using the elements of this kit and please use and modify them to best suit your classroom. Also included in the kit is a feedback form, we are always trying to improve and would appreciate your feedback greatly.

Recommended Grade Level: 1-8

Expected Duration: 1-2 Days

Before You Get Started




- This resource is for teacher use and is designed to be accessed digitally.
- Pages that require printing or projecting can be found in the link to the virtual resources folder shared.
- The lessons and accompanying artifacts included in this kit are for your use however you see fit and in any order.
- Please ensure you return all items back into the kit. See the "How to Pack" document for packing instructions.






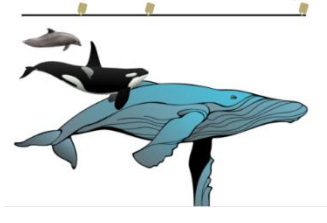
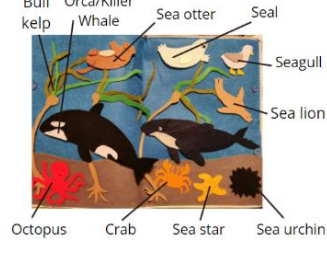
Artifacts Included in this Kit

- False Killer Whale Jaw
- Pacific White Sided Dolphin Skull
- Sperm Whale Tooth x2
- Killer Whale Tooth x2
- Whale Strings
- Kelp Forest Felt Board
- Pacific Salmon Lifecycle Jars
- Krill Sample
- Whale Fluke Cards
- Sila and the Land (Book)
- Nootka Sounds in Harmony (Book)

Artifact Info Sheet – Ocean Wise Whales Discovery Kit

	<p>False Killer Whale Jaw (Replica)</p> <p>False Killer Whales are dolphins that have skulls shaped similarly to Killer Whales.</p> <p>The scientific name for False Killer Whale (<i>Pseudorca crassidens</i>) means “thick tooth”.</p> <p>False Killer Whales hunt together to catch their preferred prey of squid and large fish.</p> <p>Approximately 1550 False Killer Whales can be found in Hawaiian waters.</p>
	<p>Pacific White Sided Dolphin Skull (Replica)</p> <p>Pacific White Sided Dolphins travel in groups ranging in size from 10 to over 2000 individuals.</p> <p>Pacific White Sided Dolphins can jump up to 20 feet in the air!</p>
	<p>Sperm Whale Tooth x2 (Replica)</p> <p>Sperm whales hunt giant squid deep in the ocean.</p> <p>Sperm whales have the largest brain of any animal on earth!</p>



	<p>Killer Whale Tooth x2 (Replica)</p> <p>Killer whales are the largest member of the dolphin family!</p> <p>Female orcas can live to 80 years old or longer.</p>
	<p>Krill Sample</p> <p>Baleen whales do not have teeth. Instead, they have baleen, which they use as a filter to catch and eat krill.</p> <p>Blue whales need to eat 4 tons of krill every day (about the weight of an adult hippopotamus)!</p>
	<p>Whale Fluke Matching</p> <p>This matching game shows how scientists can use whale flukes to study whales. Find the pairs! Clue: There are two cards for each whale tail, however, pictures of the same tail may be taken from different angles.</p> <p>A whale's flukes are the 2 lobes of a whale's tail. Whale flukes are unique (like a fingerprint for a whale).</p>
	<p>Whale String</p> <p>Use this string to discover how long different species of whales are! The distance from the end of the string to each tape marker shows how long whales of each species can grow to.</p>
	<p>Kelp Forest Felt Board</p> <p>Use this felt board to explore what animals can be found in a kelp forest.</p>

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