

Toothed or Baleen?

A Whale Compare and Contrast Book

Marine mammals known as cetaceans are broken into two large groups: toothed whales (including dolphins and porpoises) and baleen whales. One group has a single blowhole to breathe air, the other has two. One group has tall dorsal fins to help maintain balance as they chase prey. The other scoops up water and prey in their large mouths as they swim slowly along—they don't need large dorsal fins. One group uses echolocation, the other doesn't. Learn more about what these animals have in common and how they are different in this latest installment of the Compare and Contrast Series.

Title in Spanish:

¿Dentada o barbada? Un libro de comparaciones y contrastes entre ballenas

Releasing September 10, 2024

Ages 5 - 9 / Grades 1 - 4

Lexile: 600L Nonfiction

Pages 32 / Trim 8.5 X 10

Arbordale Publishing opens the door for children to explore the facts behind a story. The For Creative Minds section in this book includes:

- Whale Adaptations
- Whale Sizes
- Toothed or Baleen?
- Conservation

Thanks to Chris Butler-Minor, Community Engagement Specialist at the Olympic Coast National Marine Sanctuary for verifying the information in this book.

Bisac codes: JNF003150, JNF003140, JNF051030

Standard Alignments:

- 1-LS1-1 All organisms have external parts. Different animals use their body parts in different ways to see, hear, grasp objects, protect themselves, move from place to place, and seek, find, and take in food, water and air. Plants also have different parts (roots, stems, leaves, flowers, fruits) that help them survive and grow.
- 3-LS4 Biological Evolution: Unity and Diversity Adaptations
- 3-LS4-3 For any particular environment, some kinds of organisms survive well, some survive less well, and some cannot survive at all.

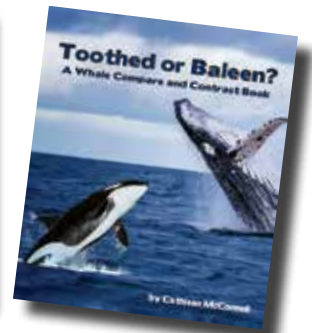
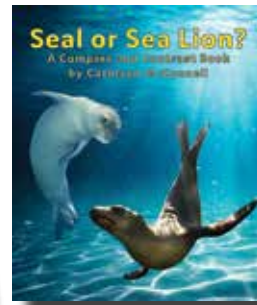
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Meet the Author



Cathleen McConnell loves all animals—especially those that live in the ocean. Having the opportunity to share her excitement for other marine life with visitors is what inspired her to pursue a career in zoo and aquarium education. Currently, as part of her job with the Conservation Engagement team at the Point Defiance Zoo & Aquarium, Cathleen runs all kinds of family programs including day camps and “Zoo Snooze” overnight experiences. Over the years she has taught countless children about the wonders of wildlife when they have visited on field trips, or as part of an outreach program at their school. In addition to writing curriculum for teachers, Cathleen has also written

Seal or Sea Lion? A Compare and Contrast Book and ***Otters: River or Sea? A Compare and Contrast Book*** for Arbordale. She hopes the books will get kids excited to learn more about animals and how each is uniquely adapted to survive in their natural environment. Cathleen lives in Washington state with her three cats and two guinea pigs. When she can, she also fosters guinea pigs in need of adoption through a local rescue group.



Humpbacks may migrate up to 5,000 miles between their summer feeding grounds and their shallow, warm-water winter grounds where females give birth. When born, humpback calves may be up to 16 feet long. They'll drink milk from their mothers for about a year.



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