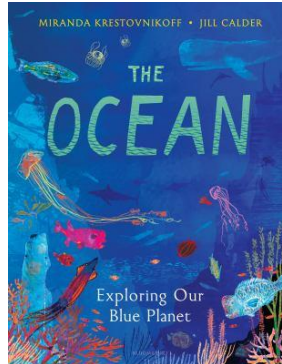
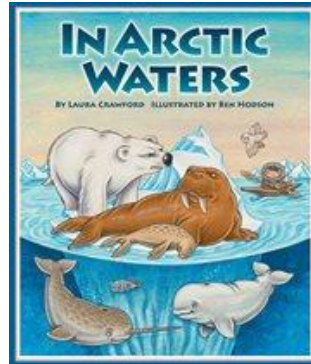


Books to Treasure 2023 Lesson Starter

- Marine Animals: Cold vs. Warm Water
- Books



- In a Nutshell

This lesson could fit into a unit about marine biology easily. It could be great for kids to practice identifying marine animals, what part(s) of the ocean they prefer, and discussing their features like “blubber”, “feathers”, “gills”, “teeth”, etc. For this lesson, students will need *some* background knowledge on the different types of marine animals and their habitats. This lesson will have them identify which animals prefer colder/warmer climates or both!

- Do This

1. *Could be done first or after book* Show this video for great visuals and quick facts:
<https://www.youtube.com/watch?v=b-9xDztBhzE>
 - a. Vocabulary used in the video that you could cover beforehand: Tundra, icebergs, blubber, and camouflage
 - b. For fun: Could pause the video and have kids call out what marine animals they see before the voiceover says it!
2. Discuss marine animals and what their different features might help with:
 - a. “What is blubber?”
 - b. “Would that keep you warm or cool?”
 - c. *see image next page for possible use*
3. Look over the “Cool Facts” pages in *Happy Narwhalidays*, pages 19-20.
 - a. If time permits, look over other Ocean books as shown above. *In Arctic Waters* is a really fun read aloud that includes various marine animals and could help with activity later. This book briefly discusses Inuit people; that could be a point of discussion if desired.
4. Have students color and cut out their marine animals and glue them in the cold, warm, or both section of the chart.

- a. Go over answers on your model in front and have discussion about the animals' features and how it will keep them warm, cool, or both!
5. Possible extensions:
- a. Have them write a small paragraph about what keeps them warm or cool and draw a picture of themselves with those clothing items.
 - b. Get messy! <https://littlebinsforlittlehands.com/blubber-experiment/>
- Use This

