

PRESENTED BY

MOOCHIE KALALA detectives club

Feel How Whales Stay Warm in Frigid Artic Waters!

Here's what you need:

- (2) Gallon-Size Ziploc bags
- (4) Sticks of Butter (room temperature)
- Ice
- Water
- Bucket
- Duct Tape (optional)

1. Turn one of the Ziploc bags inside out and place it inside the other Ziploc bag. Make sure the zippers line up so because they'll need to be zipped together later.
2. Fill the space in between the two bags with the butter – put 2 sticks of butter on each side, then mush around to create a thin layer of “blubber.”
3. Zip the edges together. This makes a type of “glove” with an opening for your hand to go in. (You can duct tape the zipper top if it won't stay together.)
4. Put the ice and water into your bucket. Make sure the water is really cold!
5. See how long you can hold your bare hand in the water (yikes, it's cold!)
6. Now put your other hand in the “glove” and then into the icy-cold water. How does your hand feel inside the “glove”? Does the “Blubber” help you stay warm?
7. Ta da! You've just simulated how Whales stay warm in frigid Artic waters!

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